

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



Setup for contesting on a cloudy day

Date of Photo 22 May 2012

Photographer: Unknown (Please advise if known)

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Auckland VHF Group Inc.

Branch 66 NZART

PO Box 10138, Dominion Rd, Auckland 1446

Clubrooms: 30 Hazel Ave, Mt Roskill

Office	Name	Call sign	Work / Mobile	E-mail
President	Matthew King	ZL1YOT	022 649 3310	president@aucklandvhf.org
Vice President	Currently Vacant			vicepresident@aucklandvhf.org
Secretary	Alastair Anderson	ZL1NEO		secretary@aucklandvhf.org
Treasurer	George Raffles	ZL1TUX	021 735 361	treasurer@aucklandvhf.org
Committee	Darryl Grange	ZL1TCI	021 123 7733	darryl@aucklandvhf.org
	Jim Logan	ZL1DI	021 331 747	
	Brian Wilson	ZL1UXB	021 1639 532	
	Dave Dingley	ZL1TIA	021 782 159	
AREC Group Leader	Matthew King	ZL1YOT	022 649 3310	arec@aucklandvhf.org
Deputy Group Leader	George Raffles	ZL1TUX	021 735 361	arec@aucklandvhf.org
ZL1BQ Trustee	Matthew King	ZL1YOT	022 649 3310	z1bqtrustee@aucklandvhf.org
Head Repeater Trustee	Simon Bridger	ZL1THH		headtrustee@aucklandvhf.org
690 Manager	Dennis Seymour	ZL1UET	021-747-664	dennisseymournz@gmail.com
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Trading Table	George Raffles	ZL1TUX	021 735 361	tradingtable@aucklandvhf.org
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ZL1VHD D-star gateway administrator:	Laurie ZL1ICU	09 634 5130	0274 817463	perma@xtra.co.nz
ZL1VHD D-star gateway registration URL :				http://z1vhfdstar.org.nz
Webmaster	Currently Vacant			webmaster@aucklandvhf.org
Club Web Page:				http://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 Monday of the last week of the preceding month. Articles to be submitted to the editor, via the email: spectrum@aucklandvhf.org

Auckland VHF Group (Inc) Branch 66
General Meeting Notice
Monday 8 September 2025 at 7:30 pm.
At the Hazel Avenue Clubrooms,
(Located on the left at the end of Hazel Avenue
in the Arthur Faulkner Reserve)

Subject: This Monday we will be having a construction night.

If you have a project you are working on, or need help, or want to show something completed, bring it along and see what we can achieve. If you have a design you want someone to try out or get information on the design, bring it along. We should be able to supply soldering gear. Don't know how your aerials are, test them using a VNA analysers. (for antenna SWR calibrations).

Make an aerial out of old TV antennae and a few ideas.

Matthew is asking if anyone has tried building a collinear vertical with half wavelength sections of coax, switching the core and the shield at each end point. I haven't been able to design coax on 4NEC2.

EVERYBODY WELCOME

Supper will be provided at to conclusion of the meeting.

Dates to Remember over the next month.

September 8th (Mon) 7.30 pm Hazel Ave Clubrooms, General Meeting
September 15th (Mon) 7.30 pm Auckland Vintage Radio Society General Meeting,
Held at the Auckland VHF Group Clubrooms,
September 22nd (Mon) 7.30 pm Hazel Ave Clubrooms, Committee Meeting.
September 29th (Mon) Spectrum Close off Date for October Magazine..
October 13th (Mon) 7.30 pm Hazel Ave Clubrooms, General Meeting

Notice of AGM / SGM for adoption of a New / Updated Constitution

The Auckland VHF Group Committee is intending to present, for adoption, a new club Constitution at the AGM in November. A new Constitution is required to meet regulatory requirements of the updated Societies Act.

The new Constitution be circulated in advance to all members. Please talk to one of the club committee members,

Minutes for the August General Meeting of the Auckland VHF Group Inc.
held on **Monday 11 August 2025** at the Clubrooms, Hazel Avenue, Mt. Roskill

The meeting commenced at: 1931Hrs. 7:31 PM

Attendees: as per Attendance book and recorded here.

Attendees: Members: 15 Visitors: 4 Apologies: 4, Total: 19 plus 4 apologies.

Present: Matthew King ZL1YOT, George Raffles ZL1TUX, Jim Logan ZL1DI, Murray McGehan ZL1OD, Ian Ashley ZL1AOX, Greg Storz ZL1GSG, Brian Ryall ZL1AVZ, Darryl Grange ZL1TCI, Martyn Seay ZL3CK, Yuri Muzyka ZL1GYM, Margaret Dingley ZL1AYV, Vaughan Henderson ZL1VH, Simon Bridger ZL1THH, Mathew Tonkin Henwood ZL1MTH.

Visitors: Terry James ZL1HOG, David Karrasch ZL1DK, John Gilmour ZL1OJ, Robert Patterson ZL4ROB,

Apologies: Basil Orr, ZL1TOW, Dave Dingley, ZL1TIA, Ian Ashton ZL1TOQ, Steve Pilcher ZL1SRP,

General Meeting Started: 1931Hrs. 7:31 PM

Approval of the Meeting Minutes:

Minutes of the previous meeting held on 14 July 2025 printed in **August 2025** Spectrum newsletter, sent out via email/Web site, on page 4 and 5 of the newsletter, be taken as read and are a true and correct record of the meeting.

Moved: Matthew ZL1YOT **Seconded:** (Not Required) **Motion:** Carried

General Business:

No general business was covered.

The General meeting closed at: 1950Hrs, 7:50PM

Matthew then introduced our guest speaker, Robert Patterson, ZL4ROB, Robert talked about Astronomy and showed us some telescopes, and images he had taken.

Rob explained his home setup with remote control from inside the house. The evening was overcast so no viewing was done outside.

**At the conclusion of the talk, by Robert,
supper was served with Tea, Coffee and biscuits.**

Microwave Contest

The **Annual Microwave Contest** is scheduled for the first weekend in **October, (4/5 October)**. There are always some operators in Auckland taking part in this contest so please join in if you have the equipment capability.

Operating hours are : 17:00 - 23:00 Saturday, 07:00 - 13:00 Sunday.

Operating mode - : SSB, Frequencies - All bands 32cm and up.

Full details are on the **NZART Website**. <https://nzart.org.nz/activities/contests/vhf/>

Auckland VHF Group Subscriptions for the 2025-2026 year are now overdue.

Please check on the bottom of the email with the meeting information
to see if your subscription is due.

Subscriptions are now being accepted for the 2025-2026 year, 1 July 2025 to 30 June 2026.

This coincides with the financial year for the group, which ended 30 June 2025.

Note on Subscriptions:

- a. There is no increase in the subscription for the 2025-2026 year.
- b. All subscriptions terminate on 30 June.
- c. Your present subscription will run for two-months till 31 August, then your subscription drops to an in-active membership list. (As per the constitution)
- For Family Members, one person needs to be an Ordinary Member, and then each additional person then becomes a family member.
- Subscription prices are determined at the AGM preceding the year being implemented (7 months ahead of the end of financial year)

73

George ZL1TUX

Treasurer, Auckland VHF Group Inc.

Subscription Type	Subscription Price
Ordinary Members (Full)	\$70.00
Associate Members	\$55.00
Family Members	\$25.00

Information on Jamboree on the Air (JOTA) as follows: (18 October 2025)

Jamboree on the Air (JOTA) (<https://www.jotajoti.info/jota>) is an annual Scouting event that connects Scouts around the world with the use of Amateur Radio.

The event is held on the 3rd weekend in October each year.

The VHF Group Committee has discussed the possibility of supporting this event this year and initial discussions have taken place with a local Scout Group who have expressed interest in collaborating with us for this event.

The Ham Station will most likely be operating only the Saturday afternoon / evening

Location - Mt Eden, to enable the scouts to get hands-on experience setting up the station, rigging antennas etc. We hope to coincide this with POTA, SOTA to enable more HF Contacts to be made, maximising the benefit for the scouts to get some hands-on experience.

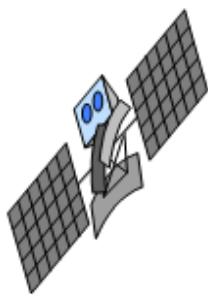
Please talk to one of the VHF Group Committee, in particular Jim ZL1DI or Simon ZL1THH, if you are able to support this activity or if you have any ideas about how to make this a great event.

Do you have a contribution for Spectrum?

Any contributions to add to Spectrum, would be welcome.

We will not promise to publish everything we receive, but would be glad to receive suggestions or contributions that can be added.

Email: spectrum@aucklandvhf.org



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 Completed:		
Mr/Mrs/Miss/Ms	Forename:	Surname:			
	Address1:			Phone: (home)	
	Address2:		NZ Post Code: 1024	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
New members Negotiable	1 July to 30 June the following year			Ordinary (Full)	\$70.00
				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 →) If require Invoice / Receipt Please Advise Treasurer				Cash <input type="checkbox"/> Internet deposit <input type="checkbox"/> Other: <input type="checkbox"/> Credit Card <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)				
Credit Card	Membership Link: tinyurl.com/avhfg-membership-form				
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"/> Unsubscribe from Google Groups <input type="checkbox"/>		Do Not disclose contact Information <input type="checkbox"/>		

Club use only: <input type="checkbox"/>	Approved: <input type="checkbox"/>	Not Approved: <input type="checkbox"/>
Sponsored by*		
*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

New Members and Membership Renewal Form 2025-2026_v10_2025-06-05.pdf

5 September 2025, Donations for Repeaters Licences							
2025-2026 Repeater Licences							
Freq.	Operation	On Air	Location	Donor name	Call sign	Donation	Date
53.725	Repeater	✓	Klondyke Road	Gwynne Rowe	ZL1AAR	\$50.00	30 November 2026
144.253	Beacon	✓	Nihotupu (Testing Clubrooms)				30 November 2025
145.625	Data Rptr	✗	Klondyke Road				30 November 2025
145.650	D-Star Repeater	✓	Klondyke Road				30 November 2025
146.625	Repeater	✓	Klondyke Road	David Wilkins	ZL1MR	\$50.00	30 November 2026
146.700	Repeater	✓	Ruaotuhewa	Ian Ashley	ZL1AOX	\$50.00	30 November 2026
146.900	Repeater	✓	Mt Puketutu Radio	David Wilkins	ZL1MR	\$50.00	30 November 2026
432.253	Beacon	✓	Nihotupu (Testing Clubrooms)				30 November 2025
438.175	D-Star Repeater	✗	Klondyke Road				30 November 2025
438.500	Repeater	✗	TBA				30 November 2025
439.850	Link TX to Kaimai	✓	Klondyke Road	Russell Richardson	ZL1RWR	\$50.00	30 November 2026
439.875	Ak Nat System Rptr	✓	Klondyke Road	Soren Low	ZL1SKL	\$50.00	30 November 2026
439.900	Link TX to Egmont	✓	Klondyke Road	Russell Richardson	ZL1RWR	\$50.00	30 November 2026
439.950	Link TX to Brendervyn	✓	Klondyke Road				30 November 2025
1291.900	Repeater	✓	217 Glenfield Rd	Ian Ashley	ZL1AOX	\$50.00	30 November 2025
439.700	DMR Repeater (Waitakere's)	✓	Nihotupu, (Scenic Drive)	Soren Low	ZL1SKL	\$50.00	30 November 2026
Number of Donors						\$450.00	
The Light Brown Repeater Licences are available for Sponsorship \$50.00 per licence							

2023-2024-2025-2026, General Club Donations 05 September 2026			
Donor	Amount	Date Paid	
2025 - 2026			
Brian Wilson (ZL1UXB)	\$25.00	26-Aug-2025	Donation / Grant
M.J. & D. G. Dingley (ZL1TIA/ZL1AYV)	\$10.00	11-Aug-2025	Donation / Grant
Total 2025 - 2026	\$35.00		
2024 - 2025			
YURI MUZYKA (ZL1GYM)	\$50.00	30-Jun-2025	General Donation
New Zealand Electronics Institute	\$50.00	19-Apr-2025	Club Donation
AEM 2025 CDEM Grant	\$600.00	26-Feb-2025	Donation / Grant
NZVRS (Vintage Radio Society)	\$660.00	09-Dec-2024	Donation Club Usage
AREC AK Council Grant 2023-2024	\$600.00	29-Aug-2024	Donation / Grant
Total 2024 - 2025	\$1,960.00		
2023 - 2024			
New Zealand Electronics Institute	\$50.00	25-May-2024	Club Donation
Estate of Roy Milam, ZL1WI	\$10,000.00	10-May-2024	General Donation
Martyn Seay, ZL3CK	\$100.00	09-May-2024	General Donation
Estate of Kenneth Boyce, ZL1TD	\$5,000.00	05-Dec-2023	General Donation
New Zealand Vintage Radio Society	\$550.00	05-Dec-2023	Donation Club Usage
New Zealand Electronics Institute	\$50.00	24-Sep-2023	Club Donation
Brian Wilson, ZL1UXB	\$1.00	12-Sep-2023	General Donation
Total 2023 - 2024	\$15,751.00		

Klondyke Refurbishment Donations			
2025-2026		As of 05 September 2025	
Brian Wilson	ZL1UXB	\$30.00	26-Aug-2025
Murray McGehan	ZL1OD	\$200.00	13-Jul-2025
Total 2026		\$230.00	
2024-2025		As of 30 June 2025	
Yuri Muzyka,	ZL1GYM,	\$50.00	30-Jun-2025
Keith Dix,	ZL1BQE	\$30.00	09-Jun-2024
Martyn Seay,	ZL3CK	\$200.00	27-Mar-2025
Russell Richardson,	ZL1RWR	\$100.00	26-Feb-2025
Rob Stokes,	ZL1RJS	\$30.00	03-Jul-2024
Total 2025		\$410.00	
2023-2024		As of 30 June 2024	
Murray McGehan	ZL1OD	\$190.00	14-May-2024
Keith Dix,	ZL1BQE	\$30.00	07-May-2024
Russell Richardson,	ZL1RWR	\$100.00	07-May-2024
Yuri Muzyka,	ZL1GYM,	\$140.00	08-Apr-2024
Cary Rawson,	ZL1CLR,	\$50.00	20-Dec-2023
Rob Stokes,	ZL1RJS,	\$40.00	06-Nov-2023
Total 2024		\$550.00	
2022-2023		As of 30 June 2023	
Donation,		\$10.00	13-Jun-2023
Ian Ashley	ZL1AOX	\$40.00	12-Jun-2023
Russell Richardson,	ZL1RWR	\$100.00	10-Jun-2023
Martyn Seay,	ZL3CK	\$100.00	10-Jun-2023
George Raffles	, ZL1TUX	\$199.16	12-May-2023
MiniSA (Donated by ZL1TIA) / RF Signal Source		\$270.00	19-Dec-2022
Estate Ian Sexton	ZL1PZ	\$950.00	27-Jul-2022
Estate Tony Babish	ZL1ATE	\$500.00	27-Jul-2022
John Sexton	ZL1AQS	\$750.00	27-Jul-2022
George Marr,	ZL1TUJ	\$100.00	19-Jul-2022
Total 2023		\$3,019.16	

Repeater Maintenance Donations		30 June 2025	
2024 - 2025			
Donor	Amount	Date Paid	
M.J. & D. G. Dingley	\$5,000.00	30-Jan-2025	670 Ruaotuwhenua Repeater Move Asset update Recovery
Papakura Radio Club	\$220.00	23-Dec-2024	Repeater Operation Donation
Estate of George Marr, VIA Basil Orr	\$200.00	16-Dec-2024	
2024-2025 Total	\$5,420.00		
2023 - 2024			
Donor	Amount	Date Paid	
Papakura Radio Club	\$500.00	06-Nov-2023	Repeater Operation Donation
Murray McGehan	\$50.00	22-Oct-2023	Repeater Maintenance Donation
YURI MYZUKA, ZL1GYM	\$20.00	13-Jun-2023	Repeater Maintenance Donation
XIANGHUI LUO, ZL1XL	\$20.00	13-Jun-2023	Repeater Maintenance Donation
Papakura Radio Club	\$500.00	02-Dec-2022	Repeater Operation Donation
Manukau Radio Club	\$150.00	19-May-2022	Repeater Operation Donation
2023-2024 Total	\$1,240.00		



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

TRADING TABLE

Currently our Trading Table is only open on meeting nights.

Currently we are only accepting orders from within New Zealand

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.

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 on-line.

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

The Trading Table List is a comprehensive list of items the club has had in stock and may still have. **The price list on some items may have also changed as the list has not been updated.**

A lot of the items on the list are **NOT** loaded into the Web system as stock has not been validated. If there is **NO** quantity shown, please send an email the Trading Table with the quantity and description of item(s) you are interested in. We will add them to the system if the quantity is valid.

part number and quantity of item(s) you require, and we will get back to you if they are available or not and the price.

NOTE: As this is a club, it may be two weeks before actual validation of items, but an acknowledgement should be sent and advised of approx. time delay for validation. The items will then be added to the internet system and these should be able to be ordered.

online.
Payment can be by either Credit Card, or Direct Debit to our account.
Goods belong to the Auckland VHF Group Inc. until payment is received.
George Raffles,