

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



**Auckland VHF Group Inc. Clubrooms
Hazel Avenue, Mt Roskill**

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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	Vacant			vicepresident@aucklandvhf.org
Secretary	TBA			secretary@aucklandvhf.org
Treasurer	George Raffles	ZL1TUX	021 735 361	treasurer@aucklandvhf.org
Committee	Darryl Grange	ZL1TCI	021 123 7733`	darryl@aucklandvhf.org
	Brian Wilson	ZL1UXB	021 1639 532	
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	zl1bqtrustee@aucklandvhf.org
Head Repeater Trustee	Simon Bridger	ZL1THH		headtrustee@aucklandvhf.org
690 Manager	Dennis Seymour	ZL1UET	021-747-664	dennisseymournz@gmail.com
Spectrum Editor	George Raffles	ZL1TUX	021 735 361	spectrum@aucklandvhf.org
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				0274 817463
ZL1VHD D-star gateway registration URL :				http://zl1vhd.dstar.org.nz
Webmaster	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 14 September 2026 7.30pm
At the Hazel Avenue Club Rooms
(Located on the left at the end of Hazel Avenue)

The Evening Topic is:
Renewable Energy Technologies by: Steven Sik On Kong.

NOTE: This talk may take approx. 2 hours, with a short supper break in the middle .

- Historical renewable energy (animal power)
- Existing Hydroelectric Power
- Solar Power, (Solar energy and solar thermal systems)
- Wind power (onshore and offshore)
- Geothermal energy

A brief discussion on:

- Nuclear fission and fusion power

A new Power Source:

- Tidal Power will be discussed.

A reference to the potential development of the energy supplies for the Southland AI Data Centres will be made.

Any persons with engineering background are welcomed.
The talk will start at 7:30pm after a quick General Meeting and
will end at approx. 9:40pm.

EVERYBODY WELCOME

We look forward to seeing you there

Auckland VHF Group Subscriptions are now due for the 2026-2027 year.
Please check on the bottom of the email with the meeting
information to see if your subscription is due.

Subscriptions year is: 1 July 2026 to 30 June 2027.

If paying for Repeater/Beacon Licences at the same time, these have
increased from \$50.00 to \$66.00 per year per licence, from 1 July 2026.

Bank Account:	ASB Bank
Account:	12-3011-0830580-00
Name of Account:	Auckland Vhfgroup Inc.
NZART Member:	\$00.00 (Only for voting on NZART Business via Branch 66)
Ordinary Member:	\$70.00
Associate Member:	\$55.00
Family Member:	\$25.00

Minutes for the Auckland VHF Group Inc., held on Monday 13 July 2026 at the Clubrooms, 30 Hazel Avenue, Mt. Roskill , 1041

Chaired By: Matthew King ZL1YOT.

Meeting Started: 1930 Hrs.. (7:30 PM.)

Members Present: as per attendance book. Members 16. Visitors: 3, Apologies: 4.

George Raffles ZL1TUX, Jim Logan ZL1DI, Alastair Anderson ZL1NEO, Ian Ashton ZL1TOQ,
Murray Freeth-Edwards ZL1MBZ, Ian Ashley ZL1AOX, Rob Stokes ZL1RJS,
Basil Orr ZL1TOW, Darryl Grange ZL1TCI, Greg Storz ZL1GSG, Steven Sik On Kong (No Call),
Jim Logan ZL1DI, Mathew Henwood ZL1MTH, Matthew King ZL1YOT, Yuri Muzyka ZL1GYM,

Visitors Present: Kieran Robottom ZL1GER, Stuart Whelan, Simon Watt Wyness ZL1SWW.

Apologies: Dave Dingley ZL1TIA, Margaret Dingley ZL1AYV, Graham Wilson ZL1CE,
Ross Matheson ZL1RDM,

Previous Minutes:

The 11 June 2026 General Meeting Minutes as published on page 4 of the July 2026 Spectrum and be taken as read, and are a true and correct record for the Meetings.

Moved: Matthew ZL1YOT. **Seconded:** Basil ZL1TOW, **Motion:** Carried

General Business:

A brief update was held regarding the Klondyke Repeater site operation.
This includes how to manage users and what systems are to be required.
Update and maintenance of the site including tower maintenance which is
needed to be completed.

There being no more General Business,

the **General Business session closed at 19:41.**

Matthew ZL1YOT, then introduced **Jim Logan**, and assisted by

Simon Watt-Wyness, on Meshcore/Meshtastic.

Jim talked about his interest and what he has done with Meshcore and Meshtastic. At the conclusion of Jim's talk, **Simon** gave a brief discussion on his experience and testing of these modes.

At the conclusion, Supper was served, Coffee, Tea and Biscuits were supplied.

Coming Events:

VHF CONTESTS:

Reference to the rules for contests at:

<https://nzart.org.nz/activities/contests/vhf/> Microwave Contest.

All bands 32 cm and up.

First Saturday in October, and the following day.

2026 Dates: 3rd and 4th October 2026

Operating periods are 5 pm to 11 pm on the Saturday, and 7 am to 1 pm on the Sunday, NZ local time.

Minutes for the Auckland VHF Group Inc., held on Monday 10 August 2026 at the Clubrooms, 30 Hazel Avenue, Mt. Roskill , 1041

Chaired By: Matthew King ZL1YOT.

Meeting Started: 1930 Hrs.. (7:30 PM.)

Members Present: as per attendance book. Members 12. Visitors: 3, Apologies: 4.

Ian Ashton ZL1TOQ, Jim Logan ZL1DI, Basil Orr ZL1TOW, Murray Freeth-Edwards ZL1MBZ,
Darryl Grange ZL1TCI, Steve Pilcher ZL1SRP, Brian Ryall ZL1AVZ, Matthew King ZL1YOT,
Steven Sik On Kong (No Call), Martyn Seay ZL3CK,

Visitors Present: Kieran Robottom ZL1GER, Stuart Whelan, Sam Dyers ZL1FBT.

Apologies: George Raffles ZL1TUX, Dave Dingley ZL1TIA, Margaret Dingley ZL1AYV,
Ross Matheson ZL1RDM,

Previous Minutes:

The previous meeting minutes were not presented, as Spectrum was not sent.

General Business:

There being no more General Business,

the **General Business session closed at 19:40.**

Matthew ZL1YOT, then introduced **Murray Freeth-Edwards**

Murray talked and showed photos of the Pilbrow Hill (Brynderwyn 560 and National System Northern Link) repeater tower, and talked about the maintenance that is required to be done.

At the conclusion, Supper was served, Coffee, Tea and Biscuits were supplied.

Recent Silent Keys

Mervyn Roland THOMAS Obituary (ZL1SK)

Thomas, Mervyn Roland (Merv). Passed away on 30 June 2026 in Auckland, surrounded by his family, aged 94. Known to many as "Sir Hornblower Combover" of the Auckland Jazz and Blues Club, Merv will be deeply missed by his children Cheryl, Sandra, Lindsay, Gary and Julie, their partners, his grandchildren and great-grandchildren. A private family service has been held. The family would like to extend their sincere thanks to the staff of Mercy Hospice for their support and care.

Published by The New Zealand Herald on Jul. 4, 2026.

Adrienne Barbara JAMES Obituary (ZL1COM)

James, Adrienne Barbara (Nee Kay). Adrienne James passed away on 27 August 2026 at North Shore Hospital peacefully. Daughter of Barbara and Aleander Kay, Brother of Warwick Kay. Wife of Terry James. Mother of Bruce, Christopher and Rodney. Mother in-law of Kelly, Thera and Tanya. Grandmother to Levi and Samatha. Great Grandmother to Alex and Elesia. Now resting in Peace. Please no flowers, but donations to Blood Cancer NZ via their website.

Published by The New Zealand Herald on Aug. 31, 2026.

13 August 2026, Donations for Repeaters Licences

2026-2027 Repeater Licences

Freq.	Operation	On Air	Location	Donor name	Call sign	Donation	Date Paid Up to
53.725	Repeater	✓	Klondyke Rd	Gwynne Rowe	ZL1AAR	\$50.00	30 November 2026
144.253	Beacon	✓	Nihotupu (Testing)				
145.625	Data Rptr	✗	Klondyke Rd				
145.650	D-Star Repeater	✓	Klondyke Rd				
146.625	Repeater	✓	Klondyke Rd	David Wilkins	ZL1MR	\$66.00	30 November 2027
146.700	Repeater	✓	Ruaotuwheua	Ian Ashley	ZL1AOX	\$66.00	30 November
146.900	Repeater	✓	Mt Puketutu Radio	David Wilkins	ZL1MR	\$66.00	30 November 2027
432.253	Beacon	✓	Nihotupu (Testing)				
438.175	D-Star Repeater	✗	Klondyke Rd				
438.500	Repeater	✗	TBA				
439.850	Link TX to Kaimai	✓	Klondyke Rd	Russell Richardson	ZL1RWR	\$66.00	30 November 2027
439.875	Ak Nat System Rptr	✓	Klondyke Rd	Soren Low	ZL1SKL	\$50.00	30 November 2026
439.900	Link TX to Egmont	✓	Klondyke Rd	Russell Richardson	ZL1RWR	\$66.00	30 November 2027
439.950	Link TX to Brenderwyn	✓	Klondyke Rd	Martyn Seay	ZL3CK	\$66.00	30 November 2027
1291.900	Repeater	✓	217 Glenfield Rd	Ian Ashley	ZL1AOX	\$66.00	30 November
439.700	DMR Repeater (Waitakere's)	✓	Nihotupu, (Scenic Drive)	Soren Low	ZL1SKL	\$50.00	30 November 2026
	Number of Donors					\$612.00	

The Light Brown Repeater Licences are available for Sponsorship \$66.00 per licence

Klondyke Refurbishment Donations		
2026-2027		As of 12 Sept 2026
Keith Dix, ZL1BQE	\$30.00	10-Aug-2026
Total 2027	\$30.00	
2025-2026		As of 30 June 2026
Yuri Muzyka, ZL1GYM,	\$100.00	27-May-2026
Russell Richardson, ZL1RWR	\$130.00	13-Apr-2026
Waikato VHF Group ZL1IS Branch 81,(NZART)	\$500.00	27-Sep-2025
Brian Wilson ZL1UXB	\$30.00	26-Aug-2025
Murray McGehan ZL1OD	\$200.00	13-Jul-2025
Total 2026	\$960.00	
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 (Donated by ZL1VH) for Klondyke Refurbishment	\$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	
	Total Received	Yearly Received
Klondyke Total (1 July 2026 to 30 June 2027)	\$14,443.16	\$30.00
Klondyke Total (1 July 2025 to 30 June 2026)	\$14,443.16	\$960.00
Klondyke Total (1 July 2024 to 30 June 2025)	\$13,713.16	\$410.00
Klondyke Total (1 July 2023 to 30 June 2024)	\$13,303.16	\$550.00
Klondyke Total (1 July 2022 to 30 June 2023)	\$12,753.16	\$3,019.16

2023-2024-2025-2026,		General Club Donations		30 June 2026	
Donor		Amount		Date Paid	
2025 - 2026					
YURI MUZYKA (ZL1GYM)		\$50.00		27-May-2026	
NZVRS (Vintage Radio Society)		\$660.00		20-Jan-2026	
Brian Wilson (ZL1UXB)		\$25.00		26-Aug-2025	
M.J. & D. G. Dingley (ZL1TIA/ZL1AYV)		\$10.00		11-Aug-2025	
Total 2025 - 2026		\$695.00			
2024 - 2025					
YURI MUZYKA (ZL1GYM)		\$50.00		30-Jun-2025	
New Zealand Electronics Institute		\$50.00		19-Apr-2025	
AEM 2025 CDEM Grant		\$600.00		26-Feb-2025	
NZVRS (Vintage Radio Society)		\$660.00		09-Dec-2024	
AREC AK Council Grant 2023-2024		\$600.00		29-Aug-2024	
Total 2024 - 2025		\$1,960.00			
2023 - 2024					
New Zealand Electronics Institute		\$50.00		25-May-2024	
Estate of Roy Milam, ZL1WI		\$10,000.00		10-May-2024	
Martyn Seay, ZL3CK		\$100.00		09-May-2024	
Estate of Kenneth Boyce, ZL1TD		\$5,000.00		05-Dec-2023	
New Zealand Vintage Radio Society		\$550.00		05-Dec-2023	
New Zealand Electronics Institute		\$50.00		24-Sep-2023	
Brian Wilson, ZL1UXB		\$1.00		12-Sep-2023	
Total 2023 - 2024		\$15,751.00			

Repeater ASSET Upgrade Donations			30 June 2025
2024 - 2025			
Donor	Amount	Date Paid	
M.J. & D. G. Dingley	\$5,000.00	30-Jan-2025	670 Ruaotuwhehua Repeater Move Asset update Recovery
2024-2025 Total	\$5,000.00		

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Repeater Maintenance Donations as of 2026-06-30			
2025 - 2026			
Donor	Amount	Date Paid	
Russell Richardson ZL1RWR	\$200.00	20-Jun-2026	Repeater Maintenance Donation
ROb Stokes ZL1RJS	\$40.00	12-Jun-2026	Repeater Maintenance Donation
Papakura Radio Club	\$310.00	17-Nov-2025	Repeater Maintenance Donation
2025-2026 Total	\$550.00		
2024 - 2025			
Donor	Amount	Date Paid	
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	\$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		

Auckland VHF Group Subscriptions for the 2026-2027 year

**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 2026-2027 year, 1 July 2026 to 30 June 2027.

Note on Subscriptions:

- a. There is no increase in the subscription for the 2026-2027 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)

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George ZL1TUX



**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:

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.

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 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 part number and quantity of items 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 week 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.

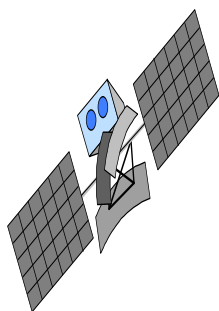
Payment can be by either Credit Card, or Direct Debit to our account.

Goods belong to the Auckland VHF Group Inc. until payment is received.

Payments by Credit Card.

- **All items sold will be in NZ\$.**
- **Conversion to NZ\$ for purchases , to purchases money for refunds will be at the normal bank rate at the time of the transaction. This may be at a different rate.**
- **All items sold using credit card will contain a surcharge. This amount is taken out by the EFTPOS supplier before the money is deposited into the club's account. This surcharge covers the cost of the Credit Card processing.**
- **Stripe Credit Card Surcharge Rates.**
 - NZ Cards 2.7% + \$0.30 per Transaction
From 1 December 2025 NZ Cards 2.65% + \$0.30 per Transaction
 - International Cards: 3.7% + \$0.30 per Transaction
From 1 May 2026 International Cards 3.6% + \$0.30 per Transaction.
International cards are overseas Mastercard and Visa Cards, including all AMEX and similar type cards.

George Raffles, Trading Table Manager.



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	
	1 July to 30 June the following year Ordinary (Full)			\$70.00	\$
	Associate			\$55.00	\$
New members Negotiable	Family (per member after 1 full member registered at same address)			\$25.00	\$
	Klondyke Refurbishment				\$
	Repeater Maintenance				\$
Donations	Data/D-Star				\$
	Beacon/Repeater/Links Licences				\$
	General Club Donation / Other				\$
	Total				\$
Payment (Mark One →)			Cash ☐	Internet deposit ☐	
If require Invoice / Receipt Please Advise Treasurer			Other: ☐	Credit Card ☐	
Internet	Account ASB 12-3011-0830580-00. Account Name: Auckland VHFGroup Inc. (Account Name Changed) 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 ☐		Do Not disclose contact Information ☐		
	Unsubscribe from Google Groups ☐				

Club use only: ☐	Approved: ☐	Not Approved: ☐
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