

**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
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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 13th July 2026 7.30pm

At the Hazel Avenue Club Rooms

(Located on the left at the end of Hazel Avenue)

The Evening Topic is:

Meshtastic and Meshcore - what's right for me?

Meshtastic and Meshcore - an overview with an explanation of the Differences and Use-Cases of each technology.

Each has its own particular strength and you will be able to determine which is right for you.

There will be practical demonstrations and examples of different manufacturer's technology to view.

In most cases use of this technology doesn't need to be licensed so invite your non-ham friends along as well!

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.



Minutes for the Auckland VHF Group Inc., held on Monday 8 June 2026 at the Clubrooms, 30 Hazel Avenue, Mt. Roskill , 1041

Chaired By: Matthew King ZL1YOT.

Meeting Started: 1936 Hrs. (7:36 PM.)

Members Present: as per attendance book. Members 10. Visitors: 3, Apologies: 6
George Raffles ZL1TUX, Jim Logan ZL1DI, Ian Ashton ZL1TOQ, Darryl Grange ZL1TCI,
Murray Freeth-Edwards ZL1MBZ, Murray McGehan ZL1OD, Brian Wilson ZL1UXB,
Steven Sik On Kong (No Call), Basil Orr ZL1TOW, Matthew King ZL1YOT, Greg Storz ZL1GSG.

Visitors Present: Kieran Robottom ZL1GER, Laurie Mathews ZL1ICU, Marlene Mathews ZL1MYL,
Jed Murzello ZL2BTM, Paul Heaslip ZL1REX, David Cowlard,

Apologies: Dave Dingley ZL1TIA, Margaret Dingley ZL1AYV, Vaughan Henderson ZL1VH,

Previous Minutes:

The 11 May 2026 General Meeting Minutes as published on page 4 to 6 of the June 2026 Spectrum and be taken as read, and are a true and correct record for the Meetings.

Moved: Matthew ZL1YOT. **Seconded:** Darryl ZL1TCI, **Motion:** Carried

General Business:

Silent Key: Terence (Terry) George Corin, ZL1BPA, ZL1XU,

Terry passed away on 22 May 2026 and his funeral was on Friday 29th May 2026 at Mangere Lawn Cemetery and Crematorium, in Auckland.

Terry was the club's Webmaster from March 2015 to the present May 2026, Terry also donated money, time and materials for fundraising for the club in the background.

There being no more General Business, the **General Business session closed at 20:10.**

Matthew ZL1YOT, then introduced **Ian Ashton, ZL1TOQ**, who went out to Klondyke and photographed the issues with the tower on a working bee. Photo's were displayed as to the condition , and thoughts on if this is required in these times or another system/tower. Matthew to present a possible plan to go forward.

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.



Vendors from 8am
Selling commences at 10am
\$2.00 Entry / Raffle

Hamilton Amateur Radio Club
NZART Branch 12
www.zl1ux.org.nz
Branch.12@nzart.org.nz

Meeting: 3rd Tuesday each month @ 7:30pm
88 Seddon Road, Hamilton
All Welcome

Amateur Radio & Electronics

MARKET DAY

Gordonton Hall
1024 Gordonton Road (S.H 1B)
Gordonton

Sat 29th August 2026
Vendors from 8am
Selling commences at 10am
\$2.00 Entry / Raffle

See Branch 12 Web Site for Registration Form
Contact Phone Dennis 021-747-664

5 May 2026, Donations for Repeaters Licences

2025-2026 Repeater Licences

Freq.	Operation	Location	Donor name	Call sign	Donation	Date Paid Up to
53.725	Repeater	Klondyke Road	Gwynne Rowe	ZL1AAR	\$50.00	30 November 2026
144.253	Beacon	Nihotupu (Testing Clubrooms)				
145.625	Data Rptr	Klondyke Road				
145.650	D-Star Repeater	Klondyke Road				
146.625	Repeater	Klondyke Road	David Wilkins	ZL1MR	\$50.00	30 November 2026
146.700	Repeater	Ruaotuwheua	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)				
438.175	D-Star Repeater	Klondyke Road				
438.500	Repeater	TBA				
439.850	Link TX to Kaimai	Klondyke Road	Russell Richardson	ZL1RWR	\$66.00	30 November 2027
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	\$66.00	30 November 2027
439.950	Link TX to Brynderwyn	Klondyke Road				
1291.900	Repeater	217 Glenfield Rd				
439.700	DMR Repeater (Waitakere's)	Nihotupu, (Scenic Drive)	Soren Low	ZL1SKL	\$50.00	30 November 2026
					\$432.00	

The Light Brown Repeater Licences are available for Sponsorship \$66.00 per licence
The Price increase due to the RSM has increased each licence to \$66.00 as of 1 July 2026

Klondyke Refurbishment Donations		
2025-2026		As of 06 March 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	\$730.00	
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 2025 to 30 June 2026)	\$14,443.16	\$730.00
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
Klondyke Total (1 October 2019 to 30 June 2022)	\$9,734.00	\$290.00
Klondyke Total (1 October 2019 to 30 September 2021)	\$9,444.00	\$1,000.00
Klondyke Total (1 October 2019 to 30 September 2020)	\$8,444.00	\$1,894.00
Klondyke Total (11 November 2018 to 30 September 2021)	\$6,550.00	\$6,550.00

2023-2024-2025-2026,		General Club Donations	05 September 2026
2025 - 2026			
Donor	Amount	Date Paid	
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		
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		
Repeater Maintenance Donations			
2025 - 2026			
Donor	Amount	Date Paid	
Papakura Radio Club	\$310.00	17-Nov-2025	Repeater Operation Donation
2024-2025 Total	\$310.00		
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)

73

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.



Club use only: ☐	Approved: ☐	Not Approved: ☐
Sponsored by*		Sponsor's Callsign*
*New members only.		Date: