

Papakura Radio Club
September 2026
Newsletter

Contents

Next Meeting September 2nd, 2026, at 19:30. 2

Adrienne Barbara JAMES Obituary ZL1COM 2

JOTA – JOTI will be on October 16 to 18, 2026. 3

Minutes of General Meeting 05 August 2026 at 19.37 3

OPEN DAY... Papakura Radio Club... 2026... 4

Hi MeshCore people 5

Contest Corral 5

Contest Calendar 6

Musick Point Newsletter link 6

New Zealand & Australian Amateur Radio Magazine 6

ZL1RJS Website 6

ZL1VK Kitsets available now...for immediate delivery. 6

Getting Papakura Community Resilience Network Inc Incorporated: 7

Papakura Radio Club Directory 8

I intend to produce a newsletter each month, and it is planned to be sent out prior to each monthly meeting. If you have any items you would like to see in the newsletter, please send to me at iana@kcbbs.gen.nz

Ian Ashley ZL1AOX, Secretary.

Next Meeting September 2nd, 2026, at 19:30.

At the Papakura Radio Club... Wellington Park, Papakura... Opposite the GULL S/S, Takanini

After the business meeting we will have 10 minute talks.

- Dave ZL1MR HF Predictions
- Rob ZL1RJS will explain the use of his website
- Plus one other if time permits.

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.

JOTA – JOTI will be on October 16 to 18, 2026.

Aaron ZL2BGA will provide us an update whether we can help the Manurewa Scout Group.

Minutes of General Meeting 05 August 2026 at 19.37

Held at the Clubrooms
Present: 15 as per roll book.
Teams: N/A
Apologies: ZL1BNQ, ZL1AUG.

Minutes of the July 01, 2026, General meeting as printed in the newsletter were reviewed by Vice President Tristan ZL3TI.

Matters arising: Nil

ZL1TOF/ZL1TTM.

Inward Correspondence:

Newsletters 29, 66, 10, 86
Papakura Resilience meeting notices and minutes
Lily Yao payment of invoice.
Kim Squire CLM Community
Papakura Business Association
Musick Point newsletter.
Auckland On the Air newsletter
Northshore 29er newsletter
NZ and Australian Amateur Radio Magazine.
Warren Harris ZL2AJ re setting up a meeting.

Outward Correspondence

Lily Yao from Auckland Seniors Support and Caring Group invoice
Newsletter
Invite to local Clubs and Members to NZART President meeting 29th July.

ZL1AOX/ZL1RJS

Finances: Dave ZL1MR provided report #10 with 49 Members.

Accounts to pay:

Moved by Dave ZL1MR, seconded by David ZL1DK that accounts for payment be approved, carried.

General Business:

1. **Meetings 2026**:
   August 05: MeshCore by Ian ZL1AOX

Report Number 09 for 2026 year

Statement 650. Paid up Members 49

Statement Balance		$3,509.46
Floral Art	$40.00	
Balance plus deposits		$3,549.46
Invoices on Statement		
Mercury 16 July	$248.05	
ZL1MR Rubbish bin	$9.98	
Balance		$3,549.46
Plus Westpac savings		$9,419.65
Plus ASB Investments		$40,393.01
Total Papakura Funds		$53,362.12
Simple Saver MRC		$39,528.38
Funds held for AREC		$14,175.19
Funds in PRC Acc		$107,065.69

September 02: 10-minute talks.
October 07: Planning for Open Day on the 17th October.
November 04: AGM.

2. Planned Open Day in October ZL1DK: Subcommittee (ZL1HOW, ZL3TI & ZL1DK). to meet. David ZL1DK has list of 33 possible activities but probably 10 will be used.

3. Bank change: Moved by Dave ZL1MR, seconded by Rob ZL1RJS that the Club change to the ASB Bank and close the Westpac accounts. Carried.

4. Klondyke: Trish ZL1TTM queried progress in the repairs of the Klondyke repeater. Dave ZL1MR replied that we were waiting for the Auckland VHF Group response.
5. PRS Channel 8: Trish ZL1TTM reported that it is working very well after some work last Sunday.
6. Sam ZL1FBT queried the rusting on the Klondyke tower. Dave ZL1MR replied that there was severe rusting near the top of the tower. David ZLBFZ thought that there could be tower parts still available which could be used to replace rusted parts.

Meeting closed at 20.00 and was followed by a presentation by Ian ZL1AOX on MeshCore.

Supper followed.

OPEN DAY... Papakura Radio Club... 2026...

The Papakura Radio Club is planning an OPEN DAY, which is planned to be held on 17th October. Date and programme to be finalised soon.

That Saturday will see live demonstrations of Amateur Radio being held from 10.00 am right through the day and into the early evening. Demonstrations including HF (high frequency) communications over SSB (single sideband - voice), CW (morse code), FT8 (digital mode). There will also be demonstrations of VHF (very-high frequency) and UHF (ultra-high frequency) radios over simplex (radio to radio or direct line of sight) and repeaters (radio to repeater/repeater to radio) to increase distances of communications. On VHF we will have a repeater in action and over UHF we will have a link to the Winlink network. Winlink is a system where we can send messages for emergency communications. There will also be an active workshop where all the construction / repairs are carried out. On the construction side, we will be making a J-Pole antenna to suit the 2 metre band out of 300 Ohm TV ribbon... on the repair side we are going to be looking at a power supple that went 'BANG' some time back and needs repair.

There will be static displays of SSTV (slow scan television), examples of earlier radio used by amateur radio operators, some modified for amateur use, and some commercially available.

Where to from here... maybe it's time you considered amateur radio as your next hobby.

If so, you need to know what to do next... David ZL1DK

Hi MeshCore people

David Wilkins ZL1MR

The ISM band (Industrial, Scientific, Medical hence ISM) which is located from 915 to 928 MHz is sandwiched between the 900 MHz cellular uplink and downlink bands occupied by both Spark and One NZ. In other words, the ISM 900 MHz spectrum is essentially a guard band that RSM figured they may as well make use of for people who cannot possibly complain if they get interfered with.

The biggest problem for MeshCore is the transmit or Down-Link segment that starts just above the end of the ISM band. The possible problem arises when a high-power transmitter that is nearby starts sending out strong signals that are detectable by the MeshCore radio as an increase in background noise. This desensitises the input side of your MeshCore receiver meaning that you may not easily detect signals directed to you.

Normally in amateur radios there are filters that are tightly tuned to only accept a small band of signals. The MeshCore radios are built to price, a very low price, so it may not surprise you to know that they probably don't have any significant band-pass filters at all! The exception may be the RAKWireless WishMesh 1W module. This apparently has a built-in bandpass filter in the 1W module as well as a Low Noise Amplifier (LNA).

There are multiple stores selling on Ali Express or you can go direct to the source https://store.rakwireless.com/products/meshtastic-1w-lora-booster-kit-rak3401?variant=46639158657222. If you do decide to buy one the trick is to set the drive to only 14dB that will then ensure the 1W booster does not exceed the limits of a single power supply. If you want to go full power then you need to set up a different arrangement for the power feed.

The Up-Link or receive band is below the ISM band and will not present a problem unless your own cellphone causes you interference.

I've put together a small article for your edification. You may want to click on some of the links to get a better idea of what is happening in the 'hood'.

Dave

Contest Corral

Check for updates and a downloadable PDF version online at **www.arrl.org/contest-calendar**. Check **https://contests.arrl.org** for recent results. Refer to the contest websites for full rules, scoring information, operating periods or time limits, and log submission information

Contest Calendar

19th and 20th September WIA VHF/UHF Spring Field Day

Musick Point Newsletter link

Please find the latest MUSEletter at-

https://museletters.zlham.net.nz/m_2026.html

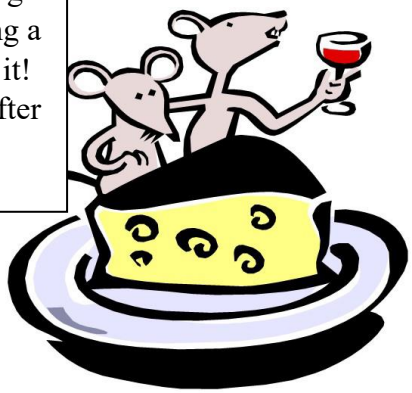
New Zealand & Australian Amateur Radio Magazine

https://us.list-manage.com/q3JEvLF3jc1?e=effe0514bb&c2id=2db5bf7fc7fbb67813cc7318b36a19dd
Use the above link to this newsletter.

ZL1RJS Website

Rob ZL1RJS/ZL3RS has created a website at https://zl1rjs.co.nz/ which has information on projects run and supported by the Papakura Radio Club Inc. He also has links to manuals for various radios and other interesting items.

Just a reminder that our General Meeting supper is provided by Members bringing a plate, preferably with some goodies on it! We don't need a banquet just a snack after the meeting.



Branch 29 Newsletter link:

The latest 29-er has been uploaded. A copy can be found **here**.

ZL1VK Kitsets available now…for immediate delivery.

- Anderson Power Pole Distribution, PC Board only… $5.00
- 2 Radio into 1 Headphone set switching radios, incl. PTT, PC Board only… $9.00
- Radio Interface for digital modes incl. Winlink, FT4, FT8 etc. Complete kit… $69
- Tait Radio TM8100 Series VFO unit… 100 Memories, Complete kit… $125
- Tait Radio VFO Escutcheon… clips over the VFO Unit… $15

The kits above are all designed by Keith Dix, ZL1BQE for the Papakura Radio Club.

The Diplexer is a kit designed by Rob, ZL1RJS for the Papakura Radio Club.

- Diplexer… UHF/VHF unit and metal Die-cast box, supplied, complete kit… $35

The following kit is still being finalised and will be available soon…

Voice Keyer… Record 4 messages, push button to play selection through TX radio, complete kit. TBA

Collect from the Papakura Radio Club most Wednesdays 7.30pm to 8.30pm or email zl1dk@nzart.org.nz for postage costs etc…

Getting Papakura Community Resilience Network Inc Incorporated:

Dave ZL1MR has written to the Committee about the local CRN Group.

As you are aware PRC, through it's AREC Group has participated over the years with Papakura District Council, Auckland Council, the Papakura Local Board, Auckland Emergency Management (AEM), and latterly also with the Papakura Community Resilience Network (CRN).

CRN is an organisation of organisations and individuals with a particular interest in maintaining a self-sufficient, emergency aware community. The key membership has been the local Community Emergency Hubs (CEH) of which there are four plus Papakura Marae. Other community groups are also involved such as: Sustainable Papakura, Takaanini Residents, Drury Community Committee, Kōtuitui, Ngati Tamaoha, Neighbourhood Support, Blue Light, Street Meets, Takaanini Gurdwara, Redhill Community Centre, Papakura Maōri Wardens, as well as Papakura Radio Club.

The CRN collective has decided the way forward would be best served through forming an Incorporated Society.

Papakura Radio Club has been asked to participate as a member organisation. Of course, membership cannot be achieved without a formal resolution of the Club. This email is intended as a heads-up to ensure the committee can come to some agreement prior to the next Club GM due 2nd September.

If we agree to proceed, I suggest PRC pass something like the following resolutions:

That Papakura Radio Club Incorporated formally become a member of Papakura Community Resilience Network Incorporated (PCRNI); and, that the club create a role of liaison officer(s) to be appointed or removed by the Club Committee from time to time as necessary.

That the PRC liaison officer(s) to PCRNI have authority to attend relevant PCRNI meetings; with the proviso that any substantive request from PCRNI, or offer from PRC, for support, action, or expenditure, be first approved by the Club Committee or if relevant, by the Branch 65 AREC Group Leader, in accordance with delegated authorities within the PRC constitution, prior to confirming any agreement with PCRNI.

I hope this all makes sense. Regards Dave ZL1MR

Branch 65 NZART Club Directory
Wellington Park, 1 Great South Road.
Westpac 03-0399-0019896-00
Club website: http://www.qsl.net/zl1vk Club email: zl1vk.club@gmail.com

President	ZL1BNQ	Richard Gamble	021 729 270
Vice President	ZL3TI	Tristan Ilich	027 889 3309
Secretary	ZL1AOX	Ian Ashley	021 198 1810
Treasurer	ZL1MR	David Wilkins	021 185 7903
Committee	ZL1DK	David Karrasch	021 560 180
	ZL1IRC	Ian Clifford	021 082 48400
	ZL1RJS	Rob Stokes	021 307 005
	ZL1RIC	Ricky Hodge	027 533 8155
	ZL1KIM	Kimi Nooroa	021 024 66004

AREC Section Leader	ZL1BNQ	Richard Gamble	021 729 270
CD Liaison	ZL1AOX	Ian Ashley	021 198 1810
Newsletter Editor	ZL1AOX	021 198 1810	
Hall Custodian	ZL1AOX	Ian Ashley	021 198 1810

Newsletter. Contact: Ian Ashley iana@kcbbs.gen.nz
Our newsletter is published monthly and normally distributed just before the club meeting.
Please forward articles etc to the editor Wednesday 1 week before the general meeting.
Please notify any change of address including E-Mail Address to the secretary.

Meetings

General Meetings are held at the Clubrooms on the 1st Wednesday of each month, starting at 7.30 pm. Look at your calendar and mark these nights. The speaker follows the General Meeting.
Activity Nights are held on the 2nd Wednesday starting at 7.30 pm.
Committee Meetings are held on the 3rd Wednesday of each month at 7.30 pm unless advised.
Project Evenings are on the 4th Wednesday of each month.
AREC Meetings are on the 5th Wednesday night, also starting at 7.30 pm
AGM: Held in November
Subscription: Full membership and newsletter $30.00 Family Membership and newsletter $45.00
Bank Account number: **03-0399-0019896-00**
Working Bees: As required.
Branch 65 21 Award: For contacts with ZL1VK (5 Points) and 8 Papakura Radio Club Members (2 Points each). Total 21 Points. Cost $5-00. Certified list and $5-00 to Secretary, Papakura Radio Club. Address above.
ZL1VK Club Nets
146.625 MHz Sunday at 8.00 am. Controller ZL1DK, David and any others available. If the repeater is not available, listen 146.475 MHz FM simplex.
7.085 MHz LSB, Sunday at 9.00 am. Controller Ian ZL1AOX this Sunday and until link repaired. (Linked to 146.675 & 438.775 FM Tone 141.3Hz) (Link inoperative at present)