



President: Mike Jane ZL1UOM  
 Vice President: Gary Landon ZL1WGL  
 Secretary: Tom McDonald ZL1TO Ph. 09 238 8580.  
 25 John St, Pukekohe 2120 E-mail [zl1to@nzart.org.nz](mailto:zl1to@nzart.org.nz)  
 Committee: Ted Doell ZL1BQA, Durlene Griffin ZL1ULK,  
 Peter Henderson ZL1PJH.  
 Club examiners: Ian ZL1PZ and Tom ZL1TO.  
 Web page: [www.qsl.net/zl1sa/](http://www.qsl.net/zl1sa/)  
**MEETINGS:** The club meets on the third Tuesday each month, in the clubrooms, Stadium Drive Pukekohe, 7.30 pm.

The committee meets on the first Tuesday of each month (excepting January) at 7.30 pm in the clubrooms.  
 Subscriptions \$20.00, family \$30.00.  
 Nets every Sunday at 9.00 am on 3.700 MHz and 9.30 am on the 146.900 MHz repeater. 2 metre frequencies are 145.775 MHz, then 146.625 MHz, and 146.900 simplex if repeaters off air.  
 Newsletter: Editor Tom ZL1TO [tom.mcdonald@xtra.co.nz](mailto:tom.mcdonald@xtra.co.nz)  
 A copy is sent to members and clubs in the Auckland area. Sent free of obligation by e-mail to anyone interested.

## General meeting 15 October

The first part after usual business will be given to going through the examination section on antenna matching. We have several members who are getting close to sitting the exam, and this is an opportunity for the old-timers to brush up, or to contribute their experience.

After that we will have a session with an older dual band mobile transceiver. These days manufacturers produce voluminous manuals on how to do everything that the menu system allows. Most of us are content to utilise only part of our radio's capability. So members will have practice at putting together a short but instructive guide on how to perform the critical adjustments for an unfamiliar rig.

Next month we have the annual general meeting. We have a fairly small committee, but in order to get a quorum of four there can be at most just two apologies from our present six appointees. So do consider offering your services.

Keep an eye on the clubhouse as you drive by. We are shortly to have bare ground behind us, and the fence has not yet been put in place.



Above: Lynnette ZL1LL with a group of walkers on the Onehunga Heritage Trail.

## Club Notice Board

### General meeting, Tuesday 15 October

After formal business we will give time to sorting problems candidates might be having with the exam. Antenna matching is up for consideration. After that there will be a session on button pushing an older dual band mobile rig, the Alinco DR-605T.

### Franklin Positive Ageing Expo, Friday 18 October

The club has booked a stand, and will be open for business from 9am to 4pm. All are most welcome to visit us and the other 100 organisations that are represented.

### James Allen car rally, Sunday 3 November

As this is a two stage rally plenty of operators are required. Franklin has been able to offer 4 teams, possibly 5, of a total 12 teams required.

### Annual General Meeting, Tuesday 19 November

The annual meeting will precede the general meeting for November. Nominations for office should be in the hands of the Secretary on or before 5 November.

### Christmas Dinner, Friday 6 December

The combined Franklin – Papakura dinner will be held at The Pukekohe Cosmopolitan Club at 6 pm for 6.30 pm on Friday 6 December. Price, with a seasonal dessert is \$28. Please let the Secretary know your numbers by 3 December.

### AREC news – Onehunga Heritage Walk

Amateurs from Franklin, and Western Suburbs assisted Laurie ZL1ICU of the VHF Group for a small activity providing safety communications for a Heritage Walk in Onehunga on Wednesday 9 October. We used DMR Channel 13 simplex and 147.500 FM simplex from hand held transceivers.

### Disclaimer

Opinions expressed in this newsletter are not necessarily the policy of Franklin Amateur Radio Club.



**Minutes** of Franklin Amateur Radio Club (Inc) General Meeting held in the Clubrooms Stadium Drive Pukekohe, 17 September 2019.

Chairman Mike ZL1UOM opened the meeting at 1936 hours.

Attendance: ZL1UOM, ZL1TO, ZL1PZ, ZL1PJH, ZL1LL, ZL1ULK, David M, Phil D, ZL1BQA, ZL1TZP, ZL1BBZ, Mike L Apologies: Nil

ZL1UOM is an apology from 11 October to 6 November. ZL1BQA for November committee meeting. ZL1TO and ZL1LL for 15 October.

Minutes:

The minutes of the August meeting were approved as a true record. ZL1BQA / ZL1TO

Arising:

In the September QUA the minutes at the top of page 2 were of a General Meeting.

Correspondence:

Newsletters from branches, by email; 65, 66, 80 as described in QUA. FMG Insurance – Inviting us to sign off depreciated value of clubhouse nominated replacement value \$67697.60 depreciated \$48801.40, Contents nominated \$3000 devalued \$1500 – Paperwork is to be scanned and sent to the committee.

To Coral Timmins, Police and Pukekohe Performing Arts Association re damage at “Old Vic”. (Subsequent follow up



**Minutes** of Franklin Amateur Radio Club (Inc) Committee Meeting held in the Clubrooms Stadium Drive Pukekohe on 1 October 2019

Chairman Mike ZL1UOM opened the meeting at 1938 hours.

Attendance: ZL1UOM, ZL1TO, ZL1PJH, ZL1ULK, ZL1BQA.

Apology: ZL1WGL

Minutes of the September meeting were approved as a true record. ZL1TO / ZL1UOM

Correspondence:

Newsletters from branches, by email, 29, 65, 80

FMG – seeking our approval of insured amount for coming year.

The proposed insured values are agreed by this meeting.

ZL1TO / ZL1ULK

Report on correspondence received ZL1TO / ZL1PJH

Finance.

Payments: Cheque \$92 presented.

Contact Energy \$53.83 for 4 October

Receipts: Nil

The finance report was received and power bill ratified for payment. ZL1BQA / ZL1TO

emails were in the name of ZL1TO as a private individual.)

Could get David to work through offer of a security camera.

Report on correspondence received. ZL1UOM / ZL1PJH

Finance.

Payments: None since committee meeting. Receipts: Nil

The finance report was received. ZL1UOM / ZL1PJH

Reports

AREC: James Allan Rally on Sunday 3 November will require 12 operators in all. ZL1PZ, ZL1BBZ and ZL1PJH have volunteered to date. To set up Durlene ZL1ULK radio next meeting – with T connector from a power supply.

SAREX took place 13-14 September. None from Franklin were required.

Mike ZL1UOM reported that Karioitahi Surf Club got an international award for rescue into Waikato River entrance.

Bob ZL1BBZ asked if 191.1 MHz Ground to air is still used. No-one knew.

General business

Reminder of Franklin Positive Ageing Expo on 18 October. Helpers will include ZL1PJH, ZL1ULK, ZL1TO, ZL1LL. Ian ZL1PZ has offered a home brew transceiver for display. ZL1BQA could lend a BitX kitset transceiver.

The issue relating to use of ZL1SA callsign has been resolved amicably. Item in September QUA gives the story.

Tom ZL1TO attended the Franklin Local Board meeting earlier today and spoke in the public forum.

The meeting closed at 2033 hours.

Reports

AREC: Operators for James Allan rally on 4 November. Dave ZL1DK is looking for lots of operators and wants to know how many Franklin will supply ahead of Papakura's meeting on 2 November. To date ZL1BBZ, ZL1PJH separate, ZL1PZ. ZL1TO unavailable. Our SL to text ZL1DK with our confirmed numbers.

Good reports on SAREX 13-15 September in Branch 29 and 65 newsletters (from two perspectives).

General business:

Reminder of Franklin Positive Ageing Expo on 18 October. Helpers will include ZL1PJH, ZL1ULK, ZL1TO, and ZL1LL. ZL1ULK has a second commitment on-stage for some part. Ian ZL1PZ offered a home brew transceiver that he had been using on the club net up until one year ago as part of the club display. ZL1TO will have a Yaesu FT857 and Icon ID51. Final arrangements on club night.

Christmas dinner. Cosi Club has been penciled in for Friday 6 December (already booked out for 29 November). Cost is \$25 or \$28 if we have desserts more fitting for the Christmas season. Agreed to go ahead with 6 December – and the seasonal supper.

Tom McDonald spoke in the Forum section of Local Board meeting. Reply, today by email reads, in part: *We understand that there is no fence between the skate park and the Radio Club building, creating potential health and safety issues.*

Possible talk topics for coming months were canvassed.

The meeting closed at 2115 hours.



29. JOTA 19-20 October. AGM 4 November. Christmas supper meeting 2 December. QSL card backlog of uncollected cards. Comprehensive report with pictures on Sarex 13-15 September. Report on SOTA talk at September meeting. Lighthouse weekend activity.

65. Meeting 2 October - 10 minute talks. AGM 5 November. Manawatu sale 5 October. Article - Parks on the Air now in New Zealand. Comprehensive report with pictures on Police Annual Sarex - scenario 75 foot vessel founded at Manukau entrance, 10 people missing. Article - Why lithium batteries fail and how to prolong their life. A saltwater antenna that is steered by pumping parasitic elements with the fluid.

80. Jumbo Challenge 2 October. Meeting 9 October- topic History of Telecommunications. Whangaparoa Community Response Group 22 October. Western Suburbs sale 2 November. Review of talk by Jim ZL1LJH on Auckland Program for Space Systems. Ham allowed backyard mast following appeal withdrawn in Victoria. Earth station progress with pictures.

86. Cover – Samoan Clipper moored Islington Bay – and story on surprise visit 1937. French withdraw proposal for 144-146 MHz. Enhancing a NanoVNA (vector network

Analyzer). Work on the T98 oscillator and main cabinet. Western Suburbs sale 2 November.

13/25 SOTA from Taraponui. How transmission line coax came to have the impedance we choose from today. Napier meeting to have a quiz night. Visit to Central Hawkes Bay 23 October. Pictures from visit to Tait Museum in Christchurch. Secret radio aerials.

Space for your article here

## Demolition to proceed

The building affectionately referred to as 'Old Vic' is scheduled to be demolished over the next two weeks. This will mark the end of a friendly association we have had for many years with the Pukekohe Performing Arts and their wardrobe stores.

The Franklin Local Board has recognized the potential health and safety hazard and its need for remediation by means of a fence separating us from the skate park that was opened in December 2017. Your committee now has the task of ensuring the bureaucrats get on with the job.



# FRANKLIN G POSITIVE EXPO



## LIFE BEGINS AT 65

**FRIDAY 18<sup>th</sup> October 2019**

**9.30am - 3.00pm**

**PUKEKOHE INDIAN HALL, Ward Street, Pukekohe**

### Contact Details:

Email: [franklinpositiveageing@gmail.com](mailto:franklinpositiveageing@gmail.com)

Phone: 09 232 8859

Facebook: [www.facebook.com/franklin.positiveageing](http://www.facebook.com/franklin.positiveageing)



*Over 65 and want to come but don't have access to transport?  
Dial White Rose Cars on 238 9728  
to discuss free transport*

## Mystery of the Bermuda Triangle

A recent television program attempted to suggest an explanation for one of the strangest disappearances. A flight of five Grumman Avenger torpedo bombers vanished without trace in the ocean to the east of Florida on 5 December 1945. The cause was suggested to be disorientation of the lead pilot.

In passing, the commentator talked about a peculiar optical effect common in those parts. A multiple mirage known as the **Fata Morgana** which occurs when there are layers of air at different temperature overlaying the sea.

It has occurred to your editor that the Fata Morgana may be equivalent to the tropospheric ducting that we as amateurs may experience with our longer electromagnetic waves, VHF and UHF radio.

### Christmas Dinner

Franklin and Papakura get together once a year at the end of the year for a festive dinner. There will be two courses; main and dessert.

This year Franklin is host. Families are welcome.

The event will be at Pukekohe Cosmopolitan Club, Friday 6 December.

Start time: 6.00 pm for 6.30 pm

Please RSVP to Tom ZL1TO by 3 December.

## Planet Nine may be a black hole

At the edge of our Solar System, some unknown object is manipulating the paths of chunks of ice as they circle the Sun.

A new paper suggests these objects' oval-shaped orbits all point in the same direction and tilt the same way, suggesting that an unseen force is herding them.

At first, scientists thought the culprit was a mysterious planet. But perhaps the gravitational pull could come from a primordial black hole about the mass of five earths and ten centimetres across.

Further reading: <https://www.businessinsider.com/planet-9-ancient-black-hole-orbiting-sun-2019-9>

## Western Suburbs Radio Club Annual Used Equipment Sale

Saturday 2 November 2019

Rosebank School Hall

217 Rosebank Road; Avondale; Auckland

Sellers from 8:00 am

Buyers from 9:00 am

Tables \$10 prebooked

with Merv Thomas ZL1SK

[mervthomasmusic@gmail.com](mailto:mervthomasmusic@gmail.com)

## Stealth antennas

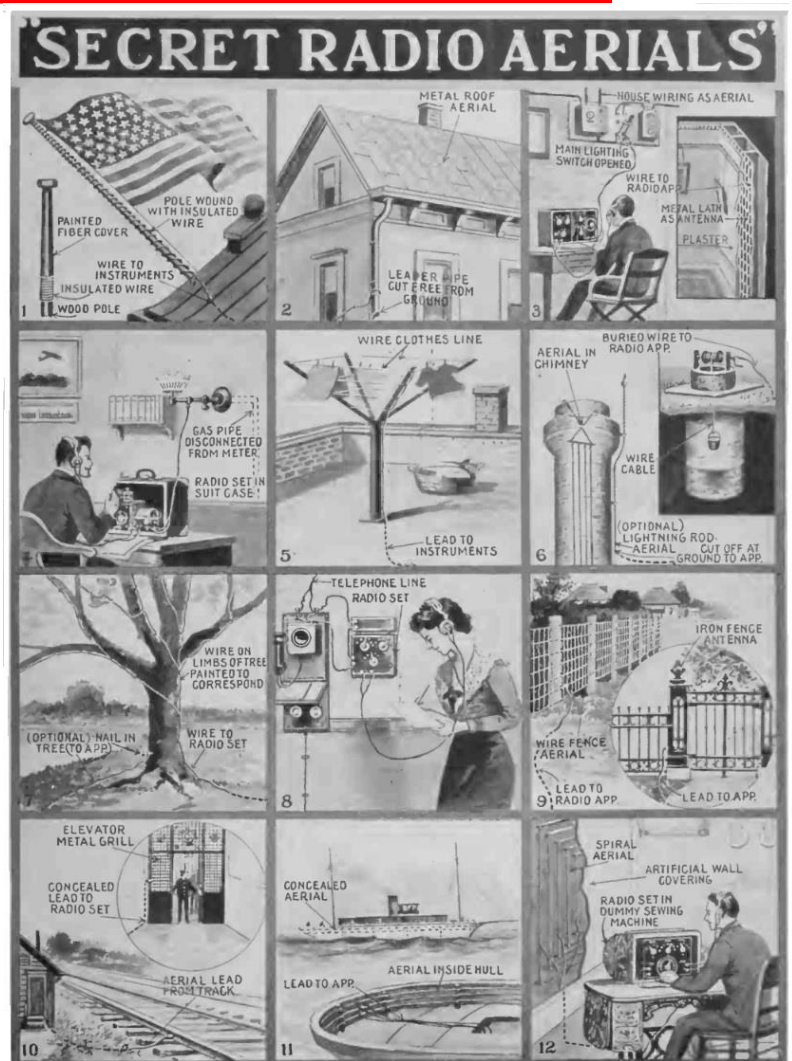
These days, as building plots get smaller and many of us live in retirement villages there is a real need to make our transmitting and receiving antennas most discrete.

At right an American magazine of September 1917 was warning citizens of the ways that wartime spies might be hiding their radio aerials. Not much changes!

In the same magazine there are photographs of Nikola Tesla's radio tower at Shoreham L I New York being dynamited. It was feared that German spies were using the tower for radio communication.

And again, in 1917, the French were experimenting with a radio controlled torpedo.

Source: *Electrical Experimenter* and September 2019 issue of *Break-Out*.



NZART

It's not them

It's us