



President: Gary Landon ZL1WGL  
 Vice President: Peter Henderson ZL1PX  
 Secretary: Tom McDonald ZL1TO Ph. 09 238 8580  
 Committee Members: Mike Jane ZL1UOM, Ted Doell ZL1BQA,  
 Durlene Griffin ZL1ULK, Gary Collins ZL1GAC

Examiners: Tom ZL1TO, Peter ZL1PX

Web page: [www.qsl.net/zl1sa/](http://www.qsl.net/zl1sa/) Webmaster: Peter ZL1PX

MEETINGS: The club meets on the third Tuesday each month, in the clubrooms, 19 Stadium Drive Pukekohe, 7.30 pm. Visitors welcome.

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 (controller ZL1UOM) and 9.30 am on the 146.900 MHz repeater (first log-on becomes controller). Other 2 metre frequencies are 145.775 MHz, 146.625 MHz, and 146.900 simplex if repeaters off air.

Newsletter: Editor Peter ZL1PX [pjh@teachlit.com](mailto:pjh@teachlit.com)

A copy is sent to members and clubs in the Auckland area. Sent free of obligation by e-mail to anyone interested.

## Club News

### Next Meeting – Junk Sale

Our next monthly meeting will be at Franklin Amateur Radio Clubrooms, 19 Stadium Drive, Pukekohe, 7.30 PM, Tuesday 19 July. All are welcome. All proceeds of the sale go to the repeater fund. On offer: Ian Sexton's (ZL1PZ) (SK) remaining gear: also a selection of gear from other hams and clubs.



**Franklin Amateur Radio Club Junk Sale**  
**Tuesday 19 July, 7.30 PM**  
**Clubrooms, 19 Stadium Drive, Pukekohe**



## News from Other Groups

### Branch 13

Hastings Amateur Radio Club president Blue Smith (ZL1TT) reports excellent DX conditions and 5/9 reports on the 20M band from 9 PM until well after midnight. Blue works stations from East Coast US, the Caribbean and South America.

### Branch 25

Eric Lilley (ZL2IT) offers Ham Radio Home Brew Design Workshop at Napier Amateur Radio Club every second Monday. Eric offers free circuit design software you can install on Windows. Your schematic design will convert to a printed circuit board layout, thus making it easy to create small a small circuit such as a 2 tone oscillator for SSB tuning. Bring your laptop to this one.

### Branch 29

North Shore branch's Ham Cram in May produced a record 13 new hams over the weekend of May 28 and 29. Another two candidates re-sat and passed their exams on the following Monday.

### Branch 65

Papakura Newsletter presents an informative article on sunspot activity from space.com. A group of sun spot researchers led by physicist Scott Macintosh have investigated records that go back to the nineteenth century and suggested there is a relationship between an 11-year cycle of sunspot generation and the so-called Hale cycle, a 22-year cycle of magnetic activity. These researchers predict the next solar cycle will feature nearly twice the number of sunspots as the previous one - which would provide better world-wide radio propagation. NASA and NOALOA offer an opposed view that says we don't yet know enough about the sun to predict the level of sun spot activity with any certainty.

### Branch 65

Vaughan Henderson (ZL1VH) reports on Klondyke repeater issues in Spectrum. Two cable trays fitted to the tower developed corrosion from the heavy salt load. There are 6 M long trays that feed coax to antennas. After prolonged corrosion, they became detached from the main structure and were held in place only by the cables they were meant to support. New aluminium trays will be fitted soon. These will be electrically isolated from the galvanized metal of the tower. This work is expected to happen soon but weather conditions and tower rigger availability may cause some further delay.



Minutes of Franklin Amateur Radio Club (Inc) General Meeting held at the clubhouse, Stadium Drive, Pukekohe 21 June 2022



Minutes of Franklin Amateur Radio Club (Inc) Committee Meeting held at the clubhouse, Stadium Drive, Pukekohe 5 July 2022

President Gary ZL1WGL opened the meeting at 1935 hours on a chilly evening

Attendance: ZL1WGL, ZL1TO, ZL1PX, Stuart, ZL1BBZ, ZL1BQA, ZL1TZP, ZL1LL, ZL1ULK, ZL1UOM, ZL1GAC,  
Apology: ZL1MFL Received ZL1PX/ ZL1BQA

#### Correspondence

Inward: Newsletters are in June QUA, plus Branches 03, 12/25

Outward: To Hannah Ross saying we look forward to further consultation.

To Police 105 with follow up reports to 220525/0421, 220603/5599, P050844208 and 220612/1568 regarding willful damage and burglary at the clubhouse. Visits to Pukekohe Police station on 25 May, and 3 June. Email to Manukau Beautification 1 June. Several online updates with photographs to Police 105. To NZART examiner with completed application form for Peter ZL1PX to become an examiner.

From John ZL1AQS with list of silent key Ian ZL1PZ items for sale.

#### Finance

No further transactions since committee meeting on 7 June.

Income Donation \$20

Expenditure Power bill to 19 May \$48.76 paid 2 June

The finance report was received. ZL1TO / ZL1BQA

#### General Business

The Junk Sale will be in July.

Life Membership certificates are not yet prepared.

Jock White Field Day result – we came second in Northern Section where we were competing for the Montgomery Cup. Well done.

Panuku meeting on June. Nine were present. There was a good general discussion. Some possibilities mentioned were 1.Relocate clubrooms elsewhere

Harrington Ave (too hard oak trees etc),

Off Birch Road pony club now stores Austin parts. Dog exercise area.

Hickeys Springs.

2.Allow the clubhouse to become a youth centre with members relocated elsewhere.

There was discussion on the three options. Are we allowed masts and antennas everywhere?

A replacement value is to be obtained

ZL1BQA/ ZL1PX

The meeting closed at 2018 hours.

President Gary ZL1WGL opened meeting at 1930 hours.

Attendance ZL1WGL, ZL1TO, ZL1PX, ZL1BQA, ZL1UOM, ZL1ULKZL1PX, ZL1UOM. Apologies ZL1GAC  
Received ZL1TO / ZL1PX

#### Correspondence

##### Inward:

From Janet Kamau of Panuku minutes of the meeting between Panuku, Local Board and us.

NZART Branch Bulletin. We have 20 NZART members. Branch details to be returned by 31 July.

Hams article in West Franklin Breeze - Peter will republish the article in QUA.

##### Outward:

To Janet Kamau, Punuku, with additional notes taken by us at the 15 June meeting.

To Janet Kamau with our preference regarding relocation of the club.

To Police with 105 reports P050844208 and 220612/1568 regarding willful damage and burglary.

To Peter ZL1PX re appointed Examiner.

From John ZL1AQS with list of silent key Ian ZL1PZ items for sale.

The inward correspondence was received and outward approved.  
ZL1TO / ZL1PX

#### Finance

Income Nil

Expenditure Power bill to 19 June \$48.37 paid 3 July

The finance report was received. ZL1TO / ZL1PX

#### Reports

Rally of New Zealand will require 17 mobile stations with VHF. We will be able to field three stations: Tom ZL1TO with Bob ZL1BBZ (and Lynnette ZL1LL); Durlene ZL1ULK and Mike ZL1MFL; Gary ZL1WGL and Michael Landon.

#### General Business

Junk Sale: will be next general meeting. All proceeds of sales by Ian ZL1PZ are for repeater fund. Where cash is not paid for goods a snapshot of telephone screen will be adequate to demonstrate payment has been made.

Sales Conductor Ted ZL1BQA (or Mike ZL1UOM)

Assistant Sales Conductor Peter ZL1PX

Float Mike ZL1UOM

Runners Mike ZL1UOM and Steve ZL1TZP

Cashier Durlene ZL1ULK

Buyers and Sellers Books Tom ZL1TO

Raffle prize Peter ZL1PX.

Raffle sellers Peter ZL1PX at entry

Supper Lynnette ZL1LL members bring a plate

Meeting closed at 2045 hours.

## Waiuku Ham Radio

Peter (ZL1PX)

Published in West Franklin Breeze, Waiuku, June 1.

There have probably been amateur radio fans in Waiuku since Marconi sent his first message – the letter S - across the Atlantic with a Morse code transmitter in 1901. That first message required a large generator which fed a spark-gap transmitter and would be regarded as illegal today because it would be heard simultaneously across all our commercial broadcast stations.

After World War 1, valve technology replaced the spark-gap. Valves were not cheap, but used less power and sent voice and music in addition to Morse. It became possible for amateur enthusiasts – or hams - to make their own receiving and transmitting equipment. By 1930, for a few dollars you could buy a crystal set radio that you could assemble yourself.



Ted's mini radio can reach Spain and UK.

So what do our current radio hams in Waiuku like to do with their hobby? Ted Doell (call-sign ZL1BQA) of Waiuku passed his amateur exam in 1975 and started out making all his own equipment which he used to talk with other amateurs around the world. He now operates commercially built radios which can connect to a computer and be operated remotely. Most of all Ted likes to experiment with low power equipment and has been able to communicate with amateur radios in Spain and England using 0.02 of a watt - less power than is used in a normal torch bulb.



Peter practicing at his Morse key

Peter Henderson (ZL1PX) moved from London to Waiuku to retire in 2017 and became a ham a year later. Peter started out making simple transistor radios. But during pandemic lockdowns, when he took an on-line Morse training course, he discovered a passion for telegraphy. Peter's current goal is to reach 20 words per minute

so he can take part in traffic nets across NZ and Australia. He tunes in each night and tries to make himself heard in Asia, Europe or America. His furthest contact so far has been Ron in Llanymynech, North Wales. Peter reports, 'Ron sent very rapid Morse and I didn't copy most of his message. But we communicated later by email and he told me he heard my signals clearly.'



Bob explains how he received his many call signs.

Bob Holt of Collingwood Road got interested in ham radio while a teenager in Gurock, Scotland, when his cousin Jim invited him over to see his transmitter. Later, when Bob's family migrated to New Zealand in the 1950s, he met others interested in amateur radio and helped start a radio club in Tokoroa. He built his own transmitter and fitted this into the glovebox of his car and used the car's ordinary radio for receiving. He soon passed his operator licence and received his station call sign ZL1BBZ.

In the sixties, Bob went back to Scotland where he married his childhood sweetheart Betty. In their holidays, he took them all over the UK in a van he fitted with radio equipment. However, his NZ call sign was not legal so he received a new call sign GM3VCD for the UK. He then discovered that in each new UK country (Wales, Northern Ireland and England) he needed a slightly different call. In England he became G3VCD and in Wales he was GW3VCD.

While later exploring Europe in the van, Bob had to add prefixes to his call which gave still more call signs. In France he became F/ZL1BBZ. In the Netherlands he was PA/ZL1BBZ. He went on to explore Denmark, Germany, Luxembourg and Sweden, each one requiring him to use a different set of letters before his call. In his subsequent return to New Zealand and the Pacific, Bob continued to take his radio equipment along and has since used another nine new call signs in places he has visited.

So as you can see, there are a wide range of amateur radio activities for the keen operator in Waiuku. If you have an interest in amateur radio, you are most welcome to visit Franklin Amateur Radio Club meetings at 19 Stadium Drive, Pukekohe at 7.30 PM on the third Tuesday of the month. Or call Peter 021 0846 9429