



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  
 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.

## Our Posh Network Card Fixer

At the August club meeting Peter ZL1PJH told us something of his work with network cards. Most of the work was in schools. Peter's business premises at one time were next door to the Posh Frock Shop which later shifted to Caxton Street, Westminster. You may have seen the shop on TV. It's in a series that is currently running on TV1. From time to time Peter was called in to fix computers for Ian Stuart, the proprietor. Read Peter's story on page four.

We ought to be familiar with the job that a network card does. As we move to a world where virtually every home appliance is smart, and connected to the internet we are surrounded by such cards.

Below: The Posh Frock Shop lifts the tone of our front page.



## Club call ZL1SA

Net controllers Ian on 146.900 MHz and Mike on 3.70 MHz are authorized to use the club call. If a substitute runs a net then they too may use the club call. If required the call may be used simultaneously on each band.

The club call is also used, in rotation, by club members who are operating on behalf of the club, over the last weekend of February, from the club field day contest site. Other use should be negotiated with the trustee.

## Club Notice Board

### General meeting, Tuesday 17 September

After formal business we will give time to sorting problems candidates might be having with the exam. This is also a chance for old timers to brush up, and experts to share their knowledge.

### Franklin Positive Ageing Expo, Friday 18 October

The club has booked a stand, and we are looking for volunteers to be on duty at that point.

### James Allen car rally, Saturday 3 November

As this is a two stage rally plenty of operators are required. This is especially so as several operators have other commitments.

## AREC news

Auckland LandSAR – There was a significant Search and Rescue Exercise (SAREX) starting on Friday 13 September and running through till Saturday afternoon. The scenario had a maritime basis with multiple casualties after a simulated boat rollover on the Manukau Bar. None of our members was required. Among the agencies involved were Coastguard, Surf Life Saving, LandSAR and AREC. The new rescue helicopters may also have put in an appearance.

Listeners may have come across radio traffic relating to the exercise on the VHF frequencies EE122 163.725 MHz (LandSAR repeater), and MM 06 156.300 MHz (Ship to Ship)

Control started off manually then introduced the computer system SARTrack. Marine Rescue Centre was headquarters, with Operations based at Onehunga Wharf.

### 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, 20 August 2019

Chairman Mike ZL1UOM opened the meeting at 1935 hours.

Attendance: ZL1UOM, ZL1TO, ZL1PZ, ZL1PJH, ZL1LL, ZL1ULK, ZL1BQA, ZL1TZP, ZL1GAC, David McNeill, Mike Lee, ZL1ERI.

Apologies: ZL1WGL and ZL1BBZ ZL1TO / ZL1PJH

Seconded to committee: Peter ZL1PJH ZL1BQA / ZL1TO

Minutes:

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

Correspondence:

Newsletters from branches, all by email, 03, 12, 29, 65, 66, 80, 86 as in August QUA. Newsletters are forwarded to each committee member. Newsletters (all or just selected ones) can be forwarded to any other member is soon as they arrive if the Secretary is advised.

Hamilton Market Day – flier advertising the sale in Gordonton Hall, and reproduced in QUA.

Douglas Birt ZL1BFS – LGLO report to NZART Council.

Letter from Alan ZL1AUW for North Shore encouraging clubs to participate in Jumbo Trophy contest on 2 October.

Thank you letter from a vendor, thanking us for our handling an estate's goods at the sale.

Report on correspondence received ZL1TO / ZL1ULK

Finance.

Receipts: Net proceeds on the night of the sale, for sales and raffle \$1040.80 Subscription \$20

The finance report was received. ZL1TO / ZL1BQA

Reports

AREC: Day-night rally coming up this Saturday 24 August. The report time is yet to be advised, but is likely to be 12 noon, as shown on the South Auckland Car Club web page. Organiser David ZL1DK has been at Cape Palliser, participating in lighthouse weekend over the past few days.

The Regional AREC meeting on Thursday 15 August was attended by ZL1TO and ZL1LL. Minutes are available for anyone who wishes to receive them. A significant SAREX will take place mid-September. The scenario is of an incident involving 70 people.

General business

Reminder of Franklin Positive Ageing Expo on 18 October. Ian ZL1PZ offered to display a home brew transceiver that he had been using on the club net up until one year ago.

New lock on chain across entrance to the clubhouse driveway. Key is with other padlock keys and shack key.

Tonight we will hear about computer network cards in a talk by ZL1PJH. Suggestions were taken for future talks.

The meeting closed at 2015 hours.

**Minutes** of Franklin Amateur Radio Club (Inc) Committee Meeting held in the Clubrooms Stadium Drive Pukekohe on 3 September 2019

Chairman Mike ZL1UOM opened the meeting at 1930 hours.

Attendance: ZL1UOM, ZL1TO, ZL1ULK, ZL1BQA.

Apologies: ZL1WGL, ZL1PJH ZL1BQA / ZL1ULK

ZL1UOM is an apology from 11 October to 6 November. ZL1BQA for November committee meeting.

Minutes: The minutes of the August meeting were approved as a true record. ZL1BQA / ZL1UOM

Correspondence: Newsletters from branches, 65, 80  
Reminder - letter from Alan ZL1AUW for North Shore encouraging clubs to participate in Jumbo Trophy contest.

Report on correspondence received ZL1TO / ZL1BQA

Finance.

Payments: One vendor \$20 from junk sale to be delivered  
One junk sale vendor yet to present a cheque  
Contact Energy \$49.42 for 3 September - reimburse ZL1TO  
We are now in credit with Watercare, viz \$8.49

Receipts: Nil

The finance report received, and reimbursement approved.  
ZL1BQA / ZL1UOM

Reports

AREC: Day-night rally coming for Saturday 24 August was postponed.

James Allan Rally on Sunday 3 November will require 12 operators in all, maybe we can get 4 or 5 from Franklin, with the others from Papakura and further afield if needs be.

SAREX to start Friday evening 13 September and will continue into the weekend. The scenario is of an incident involving 70 people on a vessel at the entrance to Manukau Harbour. AREC involvement may well be limited to senior officers. Amateur repeater frequencies are not known as yet.

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.

Possible topics for upcoming general meetings.

September: The meeting will feature a "question time" which could usefully give answers to roadblocks that those studying for the exam are experiencing. We will see what develops from there.

Future talks: Software defined radio. Antenna matching. Time domain reflectometry. Circuit boards.

We will be host for the Franklin-Papakura combined Christmas function. Preferred venue is Pukekohe Cosi Club, last Friday November or first Friday of December.

The meeting closed at 2100 hours.



65. Meetings: 4 September 4th Soren Low ZL1SKL on NZ-Rail Radio Network, 2 October 10 minute talks. New Plymouth junk sale 21 September. WARO on air 15-21 September 3.695 MHz and 2 m repeaters and National System. SOTA activity day 14 September. Review of Icom 705 backpack all mode all band transceiver. Report on Cape Palliser activation for lighthouse weekend by David ZL1DK. Reconditioning nickel-cadmium cells.

66. Cover photo SDR workshop. Talk 9 September Coastguard communications network. Microwave contest 5-6 October. WSRC market day 2 November. Coastguard nowcast removed from Klondyke. SOTA talk by Warren ZL2AJ. Lightsail 2 spacecraft raises its orbit using aluminized mylar sail. AGM 11 November. French proposal for 2 m band withdrawn.

80. Solar flares and planning a trip to see aurora at Invercargill. Visit to Rodney Branch at Wellsford. Jim ZL1LUH to speak (on AU space programme) 18 September. Jumbo Challenge 2 October. Kiwisat update. Reminder: we had a letter from Alan ZL1AUW for North Shore encouraging clubs to participate in Jumbo Trophy contest on 2 October.

**Fire watch**

Vandalism has reached fever pitch at the Performing Arts building behind our clubhouse on 19 Stadium Drive.

On Thursday 12 September, while mowing the lawn, I noticed that the plywood panels over windows and door had been removed. Vandals had also started to remove weatherboards, and the interior has been smashed up.

When I reported what was happening to Police they showed no interest as they claimed to not have had a report from the owner. And the City Council washes its hands of any responsibility.

Let's hope the volunteer fire brigade will get to the scene quickly enough when the inevitable happens. [Editor]



**FRANKLIN  
G  
POSITIVE EXPO**

Franklin Positive Ageing



**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

Phone: 09 232 8859

Facebook: 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*

## POSH FROCK SHOP

By Peter Henderson (ZL1PJH)



Posh Frock Shop designer – Ian Stuart

From 2002, I owned and operated a small computer network business in South London. Our customers were primary schools. Tony Blair's government had recently installed networks in most primary schools but there were few people who could show teachers how to use them. As a teacher myself, I was in a good position to help.



Park Hall Industrial Estate – West Norwood

At first, we ran the business from a desk at the far end of our bedroom. I did the computer stuff and my wife Josephine did the accounts. However, Josephine understandably became tired of such a small office and organised the rental of an industrial unit in Park Hall Industrial estate in West Norwood.



Selection of Ian Stuart wedding dresses

After a few months, a young well-dressed man appeared at our office doorway. He had seen a new list of companies at the foyer downstairs and noticed we did computer

4 networks. Would we come and have a look at his computer network? He was having trouble getting his server to perform. He announced his name was Peter Tague and together with his partner Ian Stuart he designed and sold wedding dresses.



Ian adjusting wedding gown in demo area.

From a staff of three, Pete and Ian expanded quickly. Within a year they had eight staff and got themselves into a larger unit. At first I adapted their small server to the work load, but it was quickly apparent they needed a lot more infra-structure. When they moved to a third even larger unit, I laid Cat 5 cables within the overhead channelling, installed by builders so up to 30 workstations and two servers could be brought into action as staff numbers expanded. There was also a wedding 'set' with mirrors and columns for customers built alongside the office area. Often when I worked on server issues there were young brides walking about the office trying on beautifully crafted gowns.

In 2013 Pete and Ian decided to open a flagship outlet in Blewcoat in Westminster. This is an historic school building on Buckingham Gate near the palace. The whole building was re-modelled to best capture the glam and splendour of a wedding ceremony. My role was to make sure the computers at Blewcoat became integrated with servers back in West Norwood – which I accomplished with VPN (virtual private network) connections. In effect, staff could log on at either building and see the same shared folders and database.



Posh Frock Shop scenes

This year, Pete and Ian have gone even more global with Posh Frock Shop, a fly on the wall reality TV show. Ian fronts the show, getting various nuptial persons - brides, mothers, brothers, sisters, children, aunts and others

dressed in the best possible gowns. The show is on Thursdays on TVNZ Channel One.



Mother of the groom Lydia says "I like it and I'm having it"

Pete and Ian are genuine, friendly people. When I first saw the show a few weeks ago, I contacted them to ask how things were going. Pete answered, "How are you both, are you enjoying the retirement? I would love to visit NZ and have many friends who live there, but I've only got as far as Sydney so far..."

We hope you're enjoying the show, it was a lot of hard work where we virtually closed the shop for the whole filming period."

After twenty years in the UK, Josephine and I sold the network business and returned to New Zealand two years ago. We try to keep in touch with our London contacts even though the time zone is against us. Strangely, Peter and Ian have overcome the time zone barrier by appearing on our television set each week as live and as engaging as they ever were when we were there.

## A WARO gathering

Several members of our club were present for the presentation to Rosemary Boshier ZL1RO (centre) with a certificate of life membership of WARO on 24 August.



## The Jumbo Challenge.

The next date for this activity is 2 October.

All branches are invited to send teams to take part in this activity. It is an indoor bowling competition, in association with the Albany Indoor Bowling club. The trophy, presently held by Branch 80, is a wooden plinth with 2 elephant figures on it. And a 3-element beam.

Location: King George V Coronation Hall,  
Library Lane, Albany, North Shore.

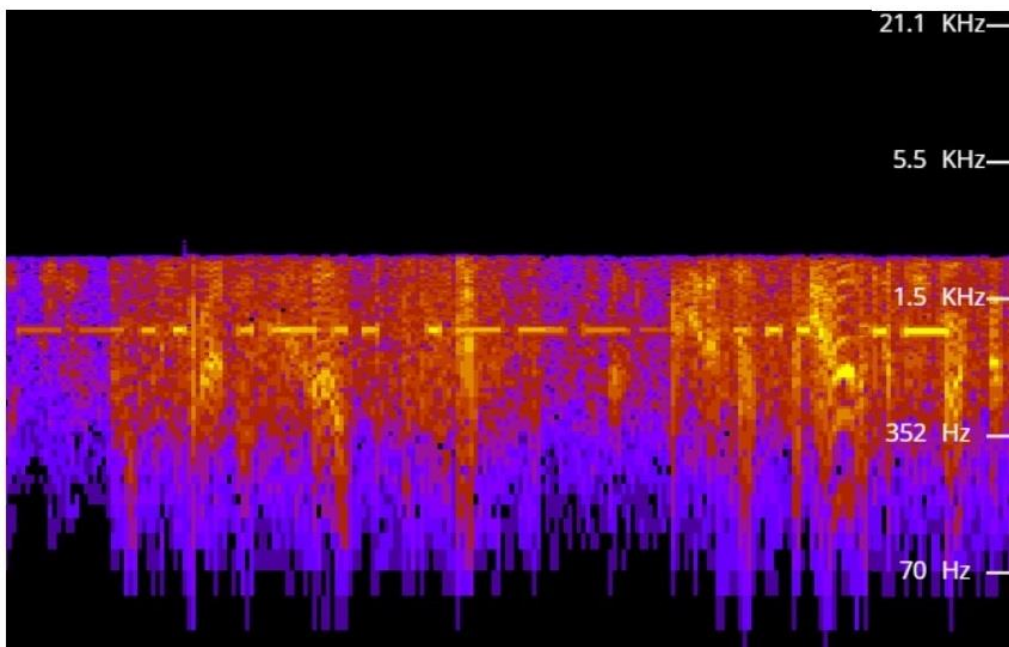
Start time: 7.30 p.m.

Supper will be provided.

## Every little dit matters

On Sunday 1 September I received an email suggesting that ZL1SA was being heard from Queensland on a 40 m frequency near 7.120 MHz. The ZL1SA signal was digital; probably Pactor, and causing interference with a voice net on lower side band. Both signals were in the 'all modes – narrow bandwidth' section of the band plan. After a bit of detective work, and without accusing any member of using the club callsign without prior arrangement I deduced the

likely source of the digital signal. The difference was one dit in the morse code identifier that follows the data stream. Three days later the data transmission was shifted down frequency by 4 kHz. And shortly after that I received an audio recording in mp3 format. My ears do not stand a show of verifying that the morse is not ZL1SA, but you can see below that an online spectrogram program can do the job. The screen grab below has been edited to protect the privacy of individuals. [Editor]



Logarithmic Frequency Scale?

Sound Sample  
Bird Song (Song Thrush ▾)

Upload your own  
Choose File Pactor-7.1145.n

▶ 0:16 / 0:17

[academo.org/demos/spectrum-analyzer/](http://academo.org/demos/spectrum-analyzer/)