



Franklin Amateur Radio Club Inc. NZART Branch 10

VOLUME 31 ISSUE 3

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/ **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) 7.30 pm in the clubrooms. **SUBSCRIPTIONS:** individual \$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 (controller ZL1PX). If repeaters off air, try simplex 145.775 MHz, 146.625 MHz, and 146.900.

QUA Editor: Peter ZL1PX pjh@teachlit.com

Sent free of obligation by e-mail to club members and anyone interested. Provided you include authorship, permission to copy material is freely granted.

Jock White Field Day Report



On Saturday morning, four of us, Tom (ZL1TO), Mike ZL1UOM, Steve ZL1TGP and myself arrived at the clubrooms. We loaded gear into Mike's van and trailer – coax, rigs, tables, chairs, earth rod, generator, petrol, pass filters, power supplies and ropes.

Peter and Tom take a break Sunday 1.30PM

It took us four hours to transport this amount of gear to Gary's farm and set it up ready to work. At transmission time (3 PM) we were joined by Durlene (ZL1ULK). That made five people.

We hoped to get CW going but our club rigs don't have narrow filters installed so it was hard to get CW contacts. Our SSB contacts began to build however. Steve, and later Durlene, had to leave, but still three of us pressed on with mikes and morse key until 9 PM.

Sunday morning at 6 AM, Tom worked hard to get the generator to run and we commenced calls. Tom did SSB, I did CW with my home Icom that pulled in a lot of CW contacts. That was Sunday, all day, two operators. We focused on SSB on the hour and CW on the half hour. We achieved good numbers, we think, for the two of us.

Thankfully Mike arrived at closing time or Tom and I would still be there. Another two and a half hours in hot sunshine to pack and load gear, stow it in the clubrooms. We managed it well, we think. For three of us. Tom emailed the next day that all club contact numbers were down but we were likely to hold our rank in Montgomery Cup award. Not a bad outcome.

My feelings? I am grateful for the five who showed but if there is that little support for what should be the main event of the year, we are in trouble. Peter ZL1PX

Next General Meeting

Our next general meeting will be on March 21. It will be a short meeting, after which we will have David Black MD MIEEE (ZL1MZ), NZART Representative on the NZ Standards Committee TE7 speaking to the club. His Topic will be "How Electromagnetic Safety Standards are Formed and Application to Amateur Radio".

HOW ELECTROMAGNETIC RADIATION INTERACTS WITH THE BODY



David will include details on how he travelled to the USA to research his PhD on this topic and the way the research was conducted in the US Air Force base at San Antonio, Texas.

All welcome. See you there.



[Check out our Facebook Postings and leave an entry.](#)

Message from David ZL1DK



CW lessons for beginners will start in March the 13th 2023. Send from South Auckland, the signals can be heard on the National System (when available), on 80m on 3755 and now via ZOOM. For those wishing to listen via ZOOM, please contact Peter Henderson ZL1PX at... pjh@teachit.com for the information required to access the ZOOM transmissions.

The CW will start by learning the letters of the alphabet and some punctuation then we will move onto text.. We start with the Character speed of 19 WPM but by using Farnsworth Spacing, the text speed will start at 6 Words Per Minute. In this way, you will continue to hear the characters at the same speed but with large spacings between each character. As time moves on, we will increase the text speed WPM by reducing the spacing until you reach around 13 - 14 WPM in December.

A	..	J	....	S	...	2	....
B	....	K	---	T	-	3	....
C	....	L	....	U	---	4	....
D	---	M	--	V	....	5	....
E	.	N	--	W	---	6	....
F	....	O	---	X	---	7	---
G	---	P	---	Y	---	8	---
H	....	Q	---	Z	---	9	---
I	..	R	---	1	---	0	---

The CW will be sent on Mondays, Tuesdays, Thursdays and Fridays each week starting at 7.15pm on Mondays, and at 7.30pm the other days. The sessions last around 35 - 45 minutes or so. Text is available to all for these lessons just ask. At the start of each session, we ask for check-ins and at the end of the session, if you wish, you can tell us how you did... good, bad or somewhere in the middle. No one will be asked to read back what they received or put under any pressure at all, that's not our aim.

So far, I have 3 operators sending the CW, Rob Stokes ZL1RJS, Peter Henderson ZL1PX and myself David Karrasch ZL1DK. The prepared text is available to anyone by asking for it. We use Gary Bolds, ZL1AN(SK), Teach software which has been modified by Andrew, ZL1AF. If you or a group of members would like to assist in sending one night a week, please contact me and I will send you everything needed to get you running including the text to be sent.

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Thank you, David Karrasch zl1dk@nzart.org.nz

Grandparents Day Net

Peter ZL1PX



Grandparents Day is Sunday 1 October in New Zealand. A sizable number of amateur operators are grandparents and a national Grandparents Day provides an opportunity to show grandkids just what Grandad does in the ham shack.

I will run a Grandparents Day Net on HF SSB at a frequency of 3.545 MHz on Sunday 1 October. The event will start at 3 PM. I already have three Grandads and their grandkids booked in for the net, so if you want to be included get your details to me at pjh@teachlit.com. It would be optimal to run on the National System but there doesn't appear to be a way that can happen at the present time.

The concept assumes the grandparents invite grandkids and their carers over for midday dinner and afterwards grandkids and grandparents get on-air together. I will call for check-ins first and make sure I get names and call signs correct. We then go two rounds – one for the grandparents to say something about their grandkid and a second one for the kid to describe their grandparent.

The end result will be a group of young 'uns who have experienced what it is like to be on ham radio with 'Pops' or 'Grandmum' or whatever – a memory they will take with them through life and which may motivate them to get their own amateur licence one day in their grown-up future.



RWB – Icom NZ

Peter Henderson ZL1PX

Richard and Wendy of RWB visited the club on Tuesday 21 February to speak about the Icom amateur radio.



Richard and Wendy Binns at Franklin Radio Club Tue 21 Feb.

Any Icom amateur model bought in New Zealand comes direct from RWB, not through any other supplier or agent. Most models are kept in stock and an order in the North Island can usually be fulfilled the follow day. Icom amateur rigs come with a 2 year warranty which RWB extend free of charge to 5 years. All models are serial tracked so there is no need to register to enforce warranty.

Mr Tokuzo Inoue founded Inoue communications, naming it after himself as Icom, in 1954. He still leads the company. The company makes all its products in one of two large factories at Osaka and Tokyo. Each radio is bench tested before being packed and despatched. When you receive your Icom in NZ, it has not been opened since it left the factory.

Family-run business RWB sell non-amateur Icom to a wide range of customers in NZ. These include NZ Defence Force, NZ Coast Guard, Air NZ, airport authorities, Ports of Auckland, St Johns, Fire and Emergency, DHBs and LandSAR. For the amateur enthusiast, RWB offer a number of deals. There are often special offers at conference or other gatherings and all new hams receive a 10% discount for their first Icom order with RWB.



ICOM PW1 Linear Amplifier 1Kw

For the ham with everything, RWB offer the PW1, a linear amplifier offering clean and low distortion 1Kw from 1.8 MHz to 50 MHz. these are made to order, taking up to 6 months to arrive and cost \$8,500. At 30 Kgs, delivery will not be cheap.

Another option is 'The Twins' – an IC-7300 HF and an IC-9700 Dual Bander. These are approximately \$5200. Dual receiver IC-7610 at \$5175 is currently out of stock but is expected in April.



IC-7851 60th Anniversary Special

If you have won really big at Lotto this year, you might like to try the IC-7851, Mr Inoue's 2014 60th anniversary model delivering 200 Watts PEP. This is a highly over-engineered, quality component rig available on special order with a lead time of 6 months. The cost is \$20,000. This model needs a separate power supply. As it weighs 45 Kgs, you might need floor strengthening in the shack. Delivery cost is also likely to be pricey.



Result of over-voltage to circuit board...

Richard and Wendy pointed out over-voltage is the leading cause in rig failure so the choice of power supply is important in any rig you purchase. They also ask the customer to describe as accurately as possible how a fault occurred as this saves time and money in diagnosing the issue. They will undertake out of warranty repair work, but only on Icom. Although they do occasionally offer demo models on special offer, they do not sell second hand Icom radios.

(All care taken to source details but some costs and features described above may be incorrect, so check <https://rwb.co.nz/> for confirmation.)





Minutes of Franklin Amateur Radio Club (Inc) Committee Meeting held at the clubhouse, Stadium Drive, Pukekohe 7 February 2023

Chairperson Gary ZL1WGL opened the meeting at 1941 hours.
Attendance: ZL1WGL, ZL1TO, ZL1PX, ZL1UOM, ZL1GAC, ZL1BQA
Apology: ZL1ULK accepted ZL1PX/ZL1WGL
Minutes of the December meeting. The December minutes have been circulated in QUA, approved, correcting ZL1WGL call sign. ZL1BQA/ZL1WGL

Correspondence

Inward

Newsletters from Branches 29, 65, 86

29 – Meeting 6 Feb on 'Antennas'. HF field day site O'Brien Road, Albany. Tait UHF sets being re-configured.

65 – Meeting 1 Feb 'All things Jock White Field Days'. VHF contest weekend 11-12 Feb Auckland Floods.

86 - Cover photo – Portable activity on New Years Day – with photos.

Correspondence report received. ZL1TO/ZL1PX

Finance

Income

BNZ interest \$462.00 for \$21000 at 2.2%

Subscriptions ZL1RP, ZL1PX (December)

Subscriptions ZL1ULK, ZL1MF (January)

Subscription tonight ZL1GAC

First monthly interest on new term deposit \$92.75 received 7 February

Expenditure

Power \$20.64 which uses up remaining credit with Contact, paid 3 February

The finance report was received. ZL1BQA/ZL1UOM

Reports

AREC.

AREC ID cards have been posted snail mail to current members who had sent an ID photograph to the AREC administrator.

General Business

Jock White Field Days 25-26 February. Venue will be Attewell Road. Volunteers are ZL1UOM, ZL1PX, ZL1TO, ZL1ULK. Can anticipate that ZL1TZP and ZL1GAC will make a visit. We will enter both bands, both modes. To consider filters for antennas. Gary ZL1WGL will put poles on tank stand and trailer ready to become antenna supports. Mike ZL1UOM and helpers will have van/trailer at clubhouse around 9.30am to collect the gear. A cabin will be on site. Key in usual place.

Generator will be run up prior to event (fresh oil last year) by ZL1TO, who will also prepare paperwork in advance.

How do we interest more people becoming members? Gary ZL1WGL suggested that on one Saturday per month we have an open day at the clubhouse – with an advertising sign outside, and morning tea. The practicality of setting up radios in the clubhouse, and providing a hands-on activity were discussed. Tom ZL1TO mentioned that we should be welcoming on-air with three potential new members.

Topics for coming general meetings

February: Richard Binns and Wendy of RWB Communications talk on ICOM radios with theme 'Money doesn't matter rig'.

The meeting closed at 2030 hours.



Minutes of Franklin Amateur Radio Club (Inc) General Meeting held at the clubhouse, Stadium Drive, Pukekohe 21 February 2023

Chairperson Peter ZL1PX opened the meeting at 1930 hours.

Attended ZL1PX, ZL1TO, ZL1UOM, ZL1GAC, ZL1BQA, ZL1TZP, ZL1BBZ, ZL1ULK, ZL1LL, ZL1AMQ

Apology: ZL1MFL, ZL1WGL, accepted ZL1TO/ZL1PX

Minutes of the January meeting

The January minutes have been circulated in QUA and were approved. ZL1BQA/ZL1PX

Correspondence

Inward

Newsletters from Branches 03, 13/25

The correspondence report was received. ZL1TO/ZL1PX

Finance

Expenditure: Power \$20.64 Paid 3 February. The finance report was received. ZL1TO/ZL1PX

Reports

Thank you circulated by Andy ZL1COP to those who assisted or made themselves available for AREC response to Cyclone Gabrielle in Auckland. Regional AREC meet for Feb put back to Thu 2 Mar Brch 66 Webinar on NZ Police SAR mobile repeater to be held 14 March.

General Business

Jock White Field Days (See committee meeting)

Membership - Gary suggested last month we open Club one Saturday a month with advertising sign and morning tea. Peter suggested we look at Steel N Wheels April 30th.

Meeting closed 1950 hours (followed by RWB talk by Richard and Wendy).