



# The Official Newsletter of the **PAPAKURA RADIO CLUB INC.**

*March 2020*



*Being Ready for an emergency is good, Being fearful is Not!*



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### This Month's Meetings:

Our first General meeting for 2020 will be on Wednesday March 4<sup>th</sup> at 7:30pm, following general business, We will have a report on the Jock White Field-day, and the Papakura Car Boot Sale.

Club Activity returns to Normal activity for 2020, but watch for changes.

March 15<sup>th</sup> will be annual Bombay Pioneer settlers' fun run, and while we have not yet been asked to assist, it is likely we will be asked to provide radio communications for the event. So mark it in your calendar, and let Dave ZL1DK know if you would like to be part of the day.

March 28<sup>th</sup> is the Te Puke Junk Sale – Details are in the Scene and Heard section

# Papakura Radio Club (Inc.)

Minutes of General Meeting 4<sup>th</sup> December 2019 at 19.34  
Clubrooms, Wellington Park.

Minutes of General Meeting 5<sup>th</sup> February 2020 at 19.31 Clubrooms, Wellington Park.

President Gavin ZL1NUX welcomed 15 members present.

**Apologies:** ZL1RP, ZL1BNQ, ZL1RAH, ZL1ING, ZL1ABR, ZL1JLM & Tom Reilly G0NSY  
ZL1DK/ZL1IRC

**Minutes of the December General meeting** as printed in newsletter were reviewed. **Matters arising:**  
Nil

ZL1NUX/ZL1ASN

## Inward Correspondence:

Newsletters from Branches 29, 86 Westpac-00 \$2,241.52

Westpac Online account - \$7,815.43 Auckland Area AREC Bank statement

**Outward Correspondence:** Nil ZL1AOX/ZL1GIT

**Finances:** Dave ZL1MR reported statement balance \$2,241.52

Cash to be banked \$110.00  
\$2,351.52

Accounts to pay:

Ian ZL1AOX SS hardware for antenna \$78.33

Subtotal \$2,273.19

Plus savings in Westpac Savings account \$7,815.43

Plus ASB savings account \$36,201.35

Total Funds \$46,289.97

Moved by Dave ZL1MR, seconded by ZL1ASN that accounts for payment be approved, carried.

## General Business:

### 1.Meetings 2020:

March 4<sup>th</sup>: JWFD Report and or John ZL1AQS on Fiji trip

April 1<sup>st</sup>: TBA

May 6<sup>th</sup>: Remits plus ??

**2.Welcome to three new Members;** Mike ZL4MDE, William ZL1RVN and Jess ZL1MTI.

**3.Bushcomm antenna:** East and West end posts installed. Centre pole next. Stainless steel hardware has been purchased by ZL1AOX.

**4.Papakura StreetFEST Saturday May 2<sup>nd</sup>:** Gavin ZL1NUX discussed setting up a stall and members agreed that it was a good idea. Moved by Gavin ZL1NUX, seconded by Jeremiah ZL1FXR that the Club apply for a stand at the StreetFEST on May 2<sup>nd</sup>, 2020, carried.

Members willing to help were: ZL1RVN, ZL1DK, ZL1IRC, ZL1FXR, ZL1AOX

5.**JWFD plans:** David ZL1DK will have his bus, and Gavin & Ann-Maree will have their van and plan to work 40 and 80 metres. Members please support the Club effort

6.**Car boot sale 29<sup>th</sup> February:** Start at 08.00 in the carpark with some tables in Clubrooms. The Club has some estate gear. Tea and coffee to be available and soft drinks plus a BBQ for sausage sizzle. WARO intend to meet at 10.00 or 10.30. Sale to end 12.30 to 13.00.

7. **Project/activity nights 2020:** Gavin said the 2<sup>nd</sup> and 4<sup>th</sup> Wednesdays could be used for an activity night such as DFing, digital modes, Morse code learning and training. Training for our three new radio amateurs planned for next Wednesday 12<sup>th</sup> February.

#### 8. Auckland Museum Virtual Reality:

- Graham ZL1AUG reported that the VR was on display at the Museum until May 3<sup>rd</sup>, but need to book.
- Silicon Chip Magazine: Graham has had some letters published and he showed the dangerous 3 pin double adapter, the subject of his letter.
- Mega 10 Thinlight torches: Available for \$2.99. Graham donated his sample and a number drawn for prize which was won by Jess ZL1MTI.

9. **Selling Radios on Trade-Me** etc.: Rob ZL1RJS brought up that a person selling Baofeng radios was told he couldn't sell to other radio amateurs. NZART have taken on the subject.

10. **Fire Extinguishers:** David ZL1DK reported that 4.5 kg dry powder extinguishers were available at \$104 and the 2.5 kg at \$29? From Bunnings. Referred to Committee.

11. **Bombay Fun Run March 15<sup>th</sup>:** William ZL1RVN and several others volunteered they would be available to help David ZL1DK

12. **Chair padding:** Rodger ZL1RAH thought that the chairs need more stuffing. David ZL1DK suggested a cushion but the Committee to investigate it.

Meeting closed at 20:34 and was followed by a presentation on the recent Space Teddy flight by Ian ZL1AOX.

Supper followed.

## **CLUB ACTIVITY:**

- The club had a busy February with a number of extra activities including Jock White, and an equipment sale, this were well supported by club members, and the wider Ham community, and a good start to the year. The work on the Broadband antenna installation, continues, and the committee has upgraded the fire extinguishers and has purchased some cushions for those who find the current seating a little less than comfortable. These will be limited to start with, and on a first come, first served basis.

### **March**

- 04<sup>th</sup> – General Meeting – Reports on Jock White & Boot Sale
- 11<sup>th</sup> – Project Night – VHF Antenna's
- 18<sup>th</sup> – Committee Meeting
- 25<sup>th</sup> – Activity Night - TBC

## **UPCOMING PROJECTS:**

The Club has 2 project nights per month. These are on the 2<sup>nd</sup> and 4th week of each month. Feel free to suggest something if you have a topic you would like to see covered.

For our new hams we are building some 2 metre antennas, and will also be looking at HF contacts using the Club HF radios

We are looking for some advanced projects for our more experienced hams – Any Ideas?

## **UPCOMING ACTIVITIES:**

### **BOMBAY FUN RUN**

March 16<sup>th</sup> many of our members will again be providing communications for the Bombay pioneer settlers fun run. Now in its 9th year and growing in popularity, the Bombay Fun Run is organised by Bombay Lions Club.

The annual Bombay Fun Run celebrates the arrival on 18 March 1865 of the ship "Bombay" from England.

The "Bombay" was towed into Auckland by the warship "Curacao", having lost a large portion of her masts and rigging in a terrible storm off the coast of New Zealand. There were 400 assisted immigrants on board destined for the area now called Bombay where they were to settle on their promised 10 acre allotments. To reach their new home they travelled along the Gt South Rd from Drury to Bombay, a road that had just been completed by the army.

Our 10km, 15km and half marathon course follows the path these pioneers would have travelled.

# DX CALENDAR MARCH 2020

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
T15/W1USN T15/AA1M					3D2AA 3D2VK						ZF2CA													ZF2PG								
		YJ0NC								9K2F																ZC4MK						
		YJ0VK							TX8A																		VP5P					
V47JA				V26FP																		YJ0CA										
JD1BON										8Q7NC									TU2R													
JD1BPH								3B9AN 3B9/F8AAN							VU4R																	
VP8PJ																CE0Y/VE7ACN																
CP6/DK7PE													PJ2/DK5ON																			
TO3Z																																
YN3GEA																																
			T32AZ																													
P40A																																
		ZF2RJ																														
FG/F6ITD TO7D																																
		VP5M																														
			9J2LA																													
			TO7DL																													
PJ4/N2HX																																
5H3DX																																
			9X2AW																													
FR/F8EN																																
5H3AX																																
							8P6DR																									
6W7/ON4AVT																																
PJ7AA																																
H44MS																																
HQ9X																																

Click on the link (CTRL + Click for some PDF readers) in the PDF versions for information on the Expeditions



Or check them out at [DX News.com](http://DXNews.com)

# UPCOMING CONTESTS – FEBRUARY 2020

Date-Time	Date-Time	Bands	Contest Name	Mode	Exchange	Sponsor's Website
1 1200	1 1400	7	SARL Hamnet 40-Meter Simulated Emergency Contest	Ph	RS and serial	<a href="http://www.sarl.org.za">www.sarl.org.za</a>
1 1200	1 2200	3.5	NSARA Contest	CW Ph Dig	RS(T), county (if NS)	<a href="http://nsara.ve1cfy.net/?page_id=82">nsara.ve1cfy.net/?page_id=82</a>
1 1500	2 0059	3.5-144	North Carolina QSO Party	CW Ph Dig	NC county or SPC	<a href="http://ncqso.org/rules">ncqso.org/rules</a>
2 2000	2 2130	3.5	RSGB 80-Meter Club Championship, Data	Dig	RST, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
3 0200	3 0400	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	<a href="http://arsqrq.blogspot.com">arsqrq.blogspot.com</a>
3 1900	3 2100	3.5	AGCW YL-CW Party	CW	RST, serial, name	<a href="http://agcw.org/index.php/en">agcw.org/index.php/en</a>
4 2000	4 2100	3.5	UKEICC 80-Meter Contest	Ph	4-char grid square	<a href="http://www.ukeicc.com">www.ukeicc.com</a>
5 1800	5 2200	28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	<a href="http://nrau.net/activity-contests">nrau.net/activity-contests</a>
5 2000	5 2200	1.8-50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or power	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
7 0000	8 2359	1.8-28	ARRL International DX Contest, SSB	Ph	W/VE: RS + SP, Non-W/VE: RS + power	<a href="http://www.arrl.org/arrl-dx">www.arrl.org/arrl-dx</a>
7 0000	15 2359	3.5, 7, 21, 28, 144	Novice Rig Roundup	CW	Name, QTH, rig and/or NRR number	<a href="http://www.novicerigroundup.org">www.novicerigroundup.org</a>
7 0600	7 0800	7, 14	Wake-Up! QRP Sprint	CW	RST, serial, suffix of previous QSO	<a href="http://qrpru.com/contest/wakeup/333-wakeup-eng">qrpru.com/contest/wakeup/333-wakeup-eng</a>
7 1200	8 2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
7 1800	8 1359	1.8-28	Open Ukraine RTTY Championship	Dig	2-letter region (state/province/canton, etc.), serial	<a href="http://krs.ho.ua/openrtty">krs.ho.ua/openrtty</a>
8 0700	8 1100	3.5	UBA Spring Contest, CW	CW	RST, serial, UBA section (if ON)	<a href="http://uba.be/hf/contest-rules">uba.be/hf/contest-rules</a>
8 1800	8 2200	3.5	WAB 3.5 MHz Phone/CW	CW Ph	RS, serial, WAB square or country	<a href="http://wab.intermip.net">wab.intermip.net</a>
9 0000	9 0200	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	<a href="http://www.4sqrq.com">www.4sqrq.com</a>
11 2000	11 2130	3.5	RSGB 80-Meter Club Championship, CW	CW	RST, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
11 2300	15 2300	7, 14	AWA John Rollins Memorial DX Contest	CW	RST, equipment type and year	<a href="http://www.antiquewireless.org">www.antiquewireless.org</a>
14 0000	14 2359	3.5-28	YB DX RTTY Contest	Dig	RST, serial	<a href="http://rtty.ybdxcontest.com/dx-station-rules">rtty.ybdxcontest.com/dx-station-rules</a>
14 1000	15 1000	3.5-28	RSGB Commonwealth Contest	CW	RST, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
14 1200	15 1000	144, 432, 1296	SARL VHF/UHF Analogue Contest	CW Ph	RS(T), 6-char grid square	<a href="http://www.sarl.org.za">www.sarl.org.za</a>
14 1200	15 1200	3.5-144	F9AA Cup, SSB	Ph	RST, serial	<a href="http://www.site.unc.asso.fr">www.site.unc.asso.fr</a>
14 1200	15 1200	28	South America 10 Meter Contest	CW Ph	RS(T), CQ zone	<a href="http://sa10m.com.ar/cqsa10m_rules.html">sa10m.com.ar/cqsa10m_rules.html</a>
14 1400	14 2000	3.5-28	AGCW QRP Contest	CW	RST, serial, class, mbr or "NM"	<a href="http://agcw.org/index.php/en">agcw.org/index.php/en</a>
14 1500	15 1500	1.8	Stew Perry Topband Challenge	CW	4-char grid square	<a href="http://www.kkn.net/stew">www.kkn.net/stew</a>
14 1500	15 2100	3.5-50	Oklahoma QSO Party	CW Ph	RS(T), county or SPC	<a href="http://k5cm.com/okqp.htm">k5cm.com/okqp.htm</a>
14 1600	15 1600	3.5-28	EA PSK63 Contest	Dig	RSQ, EA province or serial	<a href="http://concursos.ure.es/en">concursos.ure.es/en</a>
14 1800	15 0559	3.5, 7	TESLA Memorial HF CW Contest	CW	RST, serial, 4-char grid square	<a href="http://radiosport.org.rs/HFTeslaMemorial">radiosport.org.rs/HFTeslaMemorial</a>
14 1800	15 1800	1.8-50	QCWA QSO Party	CW Ph Dig	Last 2 digits of year first licensed, name, SPC or QCWA chapter	<a href="http://qcwa.org/W2020-qso-party-rules.pdf">qcwa.org/W2020-qso-party-rules.pdf</a>
14 1900	15 1900	1.8-28	Idaho QSO Party	CW Ph	County or SPC	<a href="http://pocattelloarc.org/idaohqsoqso-party">pocattelloarc.org/idaohqsoqso-party</a>
14 2200	14 2300	1.8-28	QRP ARCI Spring Thaw SSB Shootout	Ph	RS, SPC, mbr or power	<a href="http://qrparci.org/contests">qrparci.org/contests</a>
15 0000	15 0400	3.5-14	North American Sprint, RTTY	Dig	Other station's call, your call, serial, name, SPC	<a href="http://ncjweb.com">ncjweb.com</a>
15 0700	15 1100	144	UBA Spring Contest, 2 Meter	CW Ph	RS(T), serial, UBA section (if UBA)	<a href="http://uba.be/hf/contest-rules">uba.be/hf/contest-rules</a>
15 1800	16 0100	All (no WARC)	Wisconsin QSO Party	CW Ph Dig	County or SPC	<a href="http://warac.org/wqp/wqp.htm">warac.org/wqp/wqp.htm</a>
16 0200	16 0400	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	<a href="http://qrpccontest.com/pigrun">qrpccontest.com/pigrun</a>
16 1800	16 2059	3.5, 7	Bucharest Digital Contest	Dig	RST, serial	<a href="http://yo3test201x.blogspot.ro/p/blog-page.html">yo3test201x.blogspot.ro/p/blog-page.html</a>
17 1700	22 1700	3.5-28	CLARA Chatter Party	CW Ph	RS(T), name, SPC	<a href="http://clarayl.ca/chatter-party">clarayl.ca/chatter-party</a>
19 0030	19 0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	<a href="http://naqcc.info">naqcc.info</a>
21 0200	23 0200	3.5-28	BARTG HF RTTY Contest	Dig	RST, serial, 4-digit UTC time	<a href="http://www.bartg.org.uk">www.bartg.org.uk</a>
21 1200	22 1200	1.8-28	Russian DX Contest	CW Ph	RS(T), 2-char oblast or serial	<a href="http://rdxc.org/asp/pages/rulesg.asp">rdxc.org/asp/pages/rulesg.asp</a>
21 1400	21 1800	144, 432	AGCW VHF/UHF Contest	CW	RST, serial, power class, 6-char grid	<a href="http://agcw.org/index.php/en">agcw.org/index.php/en</a>
21 1400	22 2359	All (no WARC)	Virginia QSO Party	CW Ph Dig	Serial, VA county or SPC	<a href="http://qsl.net/sterling/VA_QSO_Party">qsl.net/sterling/VA_QSO_Party</a>
21 2000	21 2159	1.8-28	Feld Hell Sprint	Dig	RST, mbr, SPC, grid	<a href="http://sites.google.com/site/feldhellclub">sites.google.com/site/feldhellclub</a>
22 0700	22 1100	3.5	UBA Spring Contest, SSB	Ph	RS, serial, UBA section (if ON)	<a href="http://uba.be/hf/contest-rules">uba.be/hf/contest-rules</a>
25 0000	25 0200	1.8-28	SKCC Sprint	CW	RST, SPC, name, mbr or power	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
25 2000	25 2100	3.5	UKEICC 80-Meter Contest	CW	4-char grid square	<a href="http://www.ukeicc.com">www.ukeicc.com</a>
26 2000	26 2130	3.5	RSGB 80-Meter Club Championship, SSB	Ph	RS, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
28 0000	28 2359	1.8-VHF	FOC QSO Party	CW	RST, name, mbr (if FOC member)	<a href="http://q4foc.org/qso-party">q4foc.org/qso-party</a>
28 0000	29 2359	1.8-28	CQ WW WPX Contest, SSB	Ph	RS, serial	<a href="http://www.cqwp.com">www.cqwp.com</a>
30 1300	31 0400	1.8-28	QCX Challenge	CW	RST, name, SPC, rig	<a href="http://qrplabs.com/party.html">qrplabs.com/party.html</a>

All dates and Times are in UTC and are not adjusted for local time

Mbr = Membership number. Serial = Sequential number of the contact. SPC = State, Province, DXCC Entity. XE = Mexican state.

Listings in blue indicate contests sponsored by ARRL or NCJ. The latest time to make a valid contest QSO is the minute listed in the "Finish Time" column. Data for Contest Corral is maintained on the WA7BNM Contest Calendar at [www.contestcalendar.com](http://www.contestcalendar.com)

Check for updates and a downloadable PDF version online at [www.arrl.org/contests](http://www.arrl.org/contests).

## **SOME RSM RULES YOU SHOULD KEEP IN MIND.**

### CHANGE OF ADDRESS or CONTACT DETAILS

I have been on the RSM database and noticed quite a few hams that have not updated their address details. Your address is important but so is your contact details, email and contact numbers etc.

Can I remind everyone it is part of your duty and licencing conditions to update RSM of your current address or change of address within 7 days of changing QTH.

You can read the terms, conditions, and restrictions applying to every radio licence. See Schedule 1, note 4 Notification of change of address. (An extract below, states)

#### *“4. Notification of change of address*

*If a radio licence applies specifically to a radio transmitter at a particular address, the licensee must, within 7 days of removing the radio transmitter from the address, notify the chief executive of the removal.”*

If anyone wants a copy of the radiocommunications regulations to read and refresh themselves of their legal requirements to hold an Amateur Radio Licence to visit the link below...

<http://www.legislation.govt.nz/regulation/public/2001/0240/latest/whole.html>

It does not take long to do and you can do it yourself online providing you know your username and password, visit the link below...

<https://www.rsm.govt.nz/licensing/how-do-i/use-the-rrf/update-your-client-record/>

If you do not know your login details you will need to contact RSM by phone on 0508 RSM INFO (0508 776 463) freecall

8.30am to 5pm, Monday to Thursday or 9am to 5pm, Friday.

73 de Rob ZL1RJS

## **Unrestricted Two Way Radios – Frequently Asked Questions**

*By Don Wallace, NZART ALO <alo@nart.org.nz>*

We get a number of questions from members about the status of what RSM (Radio Spectrum Management) calls “Unrestricted Two Way Radios” – such as those made by Baofeng, Pofung, Wouxun etc. This article is aimed at answering the most common of these questions.

### **What is the problem?**

In 2018 RSM found that a number of people were illegally using these radios and which were causing interference to frequencies used by emergency services and commercial users such as the Police, Forestry and Railways.

### **What was RSM’s proposed solution?**

In their August 2018 Business Update, RSM stated that their Compliance team were working on a Prohibition Notice to limit the import and illegal use of a range of low-end two-way radios. This would have meant that no one (including Amateurs) would be allowed to own or use these devices.



### **Did NZART Support This Prohibition?**

No - in fact the opposite was true. NZART recognises that these radios offer a cost-effective way for new amateurs to get on the air and worked with RSM to come up with a compromise solution that would allow Amateurs to continue to use these devices – provided they followed a set of rules.

### **What Are These Rules?**

The rules are set out in the Prohibition notice (see <https://gazette.govt.nz/notice/id/2018-go4836> or <https://tinyurl.com/y7hahuse> ) but can be summarised as follows:

- The radios are only allowed to be owned and used by licensed amateurs
- The radios may not be used outside the Amateur bands; and
- If you want to buy or sell a radio, you have to fill out some paperwork.

### **Are These Rules Over-Restrictive?**

Not really – amateurs are fortunate in New Zealand as we have very few restrictions on what we can build and use. In some other countries in our region, radios have to be type approved and special permission is required if you want to build your own equipment.

### **What About Non-Amateurs?**

Non-Amateurs are not allowed to own or use these radios - only those who hold an amateur licence.

### **What About Other Frequencies I Am Allowed To Use (e.g. Coastguard channels, or AREC frequencies outside the Amateur bands)?**

You are not allowed to use these radios on frequencies outside the Amateur allocations. All radios used outside the Amateur bands have to be type approved and these radios are not approved and most would not meet the technical specifications for type approval.

Further, if RSM discovers that a radio has been programmed for frequencies outside the Amateur bands, even if owned by an Amateur, the radio could be seized and/or the user prosecuted.

### **What about if I want to buy or sell one of these radios?**

No matter how you intend to buy or sell your radio (e.g. on TradeMe, at a junk sale, privately etc.) you need to have a Licence to Supply.

### **How hard is the paperwork?**

Not hard at all – all you need to do is follow the instructions on the RSM website

<<https://www.rsm.govt.nz/business-individuals/supplier-compliance/get-a-licence-to-supply-radio-equipment/> or <https://tinyurl.com/wbrx3x5> >.

### **Do these rules affect Amateur Transceivers from Icom, Kenwood, Yaesu, etc?**

These manufacturers amateur transceivers are designed to be used only on the Amateur bands and are not affected by the prohibition notice.

However, if you use them on frequencies outside the Amateur bands, you could have your radio seized and/or be prosecuted by RSM.

As amateurs we must comply with the rules of the Prohibition Notice or RSM have indicated that this exemption will be removed for amateurs, and opportunity to own and operate these transceivers will be lost.

### **REMEMBER DOING THE RIGHT THING MEANS WE WILL CONTINUE TO HAVE A CHOICE**



### **A SERVICE FOR CLUB MEMBERS**

Did you know that at Papakura we have 2 licensed dealers with exemptions to supply, sell or re-sell prohibited radios?

Both of these dealers are willing to supply these to licensed hams on your behalf if you do not have a license. There is no fee for them to act in this way, and they are happy to help facilitate the re-sale to ensure that these radios remain in the amateur community, and are supplied in accordance with RSM policy.

It's just one of the ways your club can help you stay on the right side of the law.

Please also note, that the Type Approved commercial radios or the big three amateur radio brands do not require this arrangement, But of course it's in our best interest to ensure only licensed hams operate our equipment on our bands.

Thanks Rob for reminding us, that we have responsibilities as holders of a General Amateur Operators Certificate

Thanks also to Don & NZART for allowing us to re-print their material in the interest of local hams, and we thank them for the work done to date on our behalf, and their continued support

***We may not always get the outcome we want. But without their hard work we would be getting nothing at all***

## RAMBLINGS FROM THE EDITORS DESK

Its March, The heat continues, The ~~Junk~~ equipment sale season is just kicking off (did it ever really stop) and the Jock White field day is over.

It's been a busy and fast moving month since last I sat down to write, and there has been plenty to think about, The Virus update now has a name, with the WHO calling it Covid-19 and confirmation of New Zealand's first case,

So ignoring all the rhetoric, and panic, what do we know as Facts?

Corona Viruses are not new, SARS, Mers Influenza and the Common Cold are all Corona viruses,) the word corona comes the surrounding shell of the virus, which has a shape like a crown (and stars look like archers), It can spread before the person carrying it knows they are sick, which it why its infection rate (R0) is 2-3 persons will catch it, for every persons getting it, For most people the symptoms will be mild, but for some the body will develop pneumonia like symptoms, and they may require hospital treatment, There is no cure, or treatment (Like the cold) and no vaccine, but supportive care will normally let the virus run its course and you will overcome it, In rare cases death may occur, especially in those with underlying medical conditions. – But It's not Ebola, and your organs will not melt away. In fact Influenza (seasonal Flu) kills over 1,000 people per day worldwide, or about 500 per year in New Zealand, This virus, while new, is not inflicting the same mortality rates, But it is more infectious. So caution but not the apocalypse.

It's a respiratory virus, that is, it affects the lungs, and is spread from person to person by coughing droplets.(like the flu), which can fall onto surfaces, or float for short periods in the air. It's often picked up on the hands, and transferred to the eyes, nose or mouth, but the hand touching the eyes or mouth, without washing first, so precautions of washing hands before touching the face, staying away from sick people and generally keeping well are wise. However the panic stocking and racial profiling are not helping, the only known case in NZ walked into NZ without issues, as we were focussed on Asian countries. But viruses do not respect borders, race or religion. They only look for hosts

SO what can we do, to reduce the risks of infection and spread..

### **Basic protective measures against the new coronavirus**

Stay aware of the latest information on the COVID-19 outbreak, available on the WHO website and through your national and local public health authority. COVID-19 is still affecting mostly people in China with some outbreaks in other countries. Most people who become infected experience mild illness and recover, but it can be more severe for others. Take care of your health and protect others by doing the following:

- **Wash your hands frequently**
- **Maintain social distancing – 1 metre from anyone coughing or sneezing**
- **Avoid touching eyes, nose and mouth**
- **Practice respiratory hygiene – Use tissues if you sneeze, and dispose of them immediately**
- **If you have fever, cough and difficulty breathing, seek medical care early**
- **Stay informed and follow advice given by your healthcare provider**

In short – Act like you should in any flu season; especially if you work in an office building, or use a lot of public transport. Otherwise its safe to move around normally, especially here in NZ. But that said, Its likely we will see more cases, and the normal rules keeping basic supplies on hand, and keep up with the news to see what's happening. – But above all don't panic.

Another side to the worldwide epidemic is the impact on manufacturing, shipping and the movement of goods, Already many businesses are experiencing problems with supply chains, and if you brought anything on-line, expect delays. But there is no reason to worry about infected good, While studies still continue on how long the virus can exist outside the host, such as on a bench or doorknob, the time seems to be as little as 2 hours on steel or copper, to maybe a day or two on cardboard. But soap and water, or hand sanitizer will do a good job of killing the virus outside of the body; so good hygiene is good and wise practice.

For this reason we will continue with normal club meetings, but we will monitor, and if the situations changes, we will take action to reduce risks of inception, But in the meantime, If you have travelled overseas recently, are feeling unwell, or have health issue, and just feel uncomfortable with meetings, It's safe to chat on the net, and we understand if you choose to stay home from meetings, We understand

**Hot Hot Hot**, Yep Its been hot and dry while the hot conditions may slow the spread of the virus, the lack of water has impacted many of our rural members, and while we are not yet calling for water restrictions in Auckland, we are noticing the dry grass, and lower rivers, so maybe that's the reason for the new craze of Dry Fasting, Hopefully you've not been caught up into the craze, but with many of the "Influencers" now promoting not drinking water, Just relying on the water in your food, in direct opposition to the advice of almost every health professional, I trust you will all be staying well hydrated. I have to admit, that following the sale on Saturday, I was a little overheated, and the redness on my forehead was a reminder, that the sun is out in force, and sunburn and dehydrations are not things to trifle with, fortunately, my skin is perhaps a little hardier than most, and my recovery is quick. But take care in this heat.

A timely Reminder on our privileges and responsibilities as licensed amateurs has already been issued in this edition, and will be repeated in upcoming break-ins and was in the last NZART official broadcast, which some did not manage to hear due to technical issues. But the audio file is now up on the NZART website, and gave some clear advice on the topic of the Chinese radios or more correctly "Prohibited Un-Restricted Two Way Radios" The original prohibition notice outlines, which radios were affected, and what we needed to do, if we were to source these. While many did not realise this, it also limited who could supply these – with the term supply indicating importation, sale or re-sale, and more recently, supply has included with or without payment. In short you cannot even gift or give them away privately. But there is a procedure if you wish to do so, and its describes in the previous pages, Our club has (at least) two persons who hold this license to supply, and at least two have indicated that they are willing to offer their services as a reseller to assist club member wishing to sell one of these prohibited items. The licensed suppliers will of course need both the information of the radio, and the details of the purchaser, if they are to assist you. Naturally if you are planning on supply in volume, then you will need to request a license from RSM, and then an exemption for the prohibited radios.



There is also a very important section in the articles about the use of Amateur radio equipment on non-amateur frequencies, and it's a reminder that non-type approved radios cannot be programmed to transmit on frequencies outside the band, Even if you programme them to listen, Make sure you have disabled the transmit, and don't accidentally leave them simplex on commercial channel repeater outputs – There is a lot of information, and I direct you to a reprint of Don Wallace's excellent overview in pages 8-10 of this newsletter for more information

More concerning is the information from our own ZL1RJS which reminds us of our responsibility to inform RSM of changes of address, we need to remember its our role to keep the details of our license up to date,, it's not up to NZART to do it for us, in fact they can't. Rob's comments are essential reading, if you're not still at the same address as the one shown on your operator's certificate.

As holders of a General Amateur Operators Certificate, we have a unique set of freedoms, and with these come responsibilities, Freedom with responsibilities is anarchy While not my favourite thinker Sigmund Freud once stated " Most people do not really want freedom, because freedom involves responsibility, and most people are frightened of responsibility." And in this case he raises a valid point, If we will not take responsibility for way our equipment is used, Then we are asking for someone else to make those decisions for us, and the state has never been so willing to oblige; it's time to decide what value we place on our freedoms.



If we are not responsible, all this could be put at risk.

With all the Heavy stuff, – I Hope there's no more, out of the way, it's also a good time to celebrate some of the successes, It's great to see some new materials coming out from Youth on the Air, and they look like they are winding up some activities for 2020, so keep an ear out. Young people are our future, we are getting a few younger members, so let's encourage and support them as they start the journey, To this end Its been great to hear them on air getting those first 50 contacts, and even starting to build their own antenna's and equipment. Great start guys (and girls)

We have the most amazing building and location, and we have a lot of potential that we have yet to tap into, to this end a few of us are working to add to the radio room(s) some electronics build, test & repair facilities for use in training and projects, We have a good start on equipment with more coming, so watch for more news over the year as we think about other things we can do, from satellites to antennas to digital radio projects – Its a big hobby, and we have so much potential to tap into.

*If you have an interesting story to tell, or enjoy an unusual part of the hobby, maybe you would be willing to share it with others. We always have room for your story, and if you don't feel you can write the story yourself; then get in touch, and we can do it together.*

*This hobby is too big for me to cover it all alone. Your input may help another ham!*

Email me: [z11nux@outlook.com](mailto:z11nux@outlook.com) and share your story, not matter how big or small.



## LOOKING TO THE SKY

### SOLAR (SPACE) WEATHER

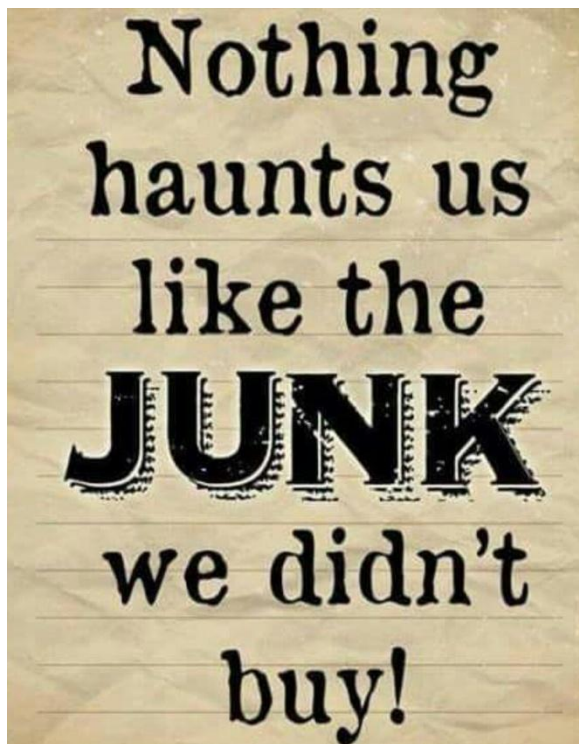
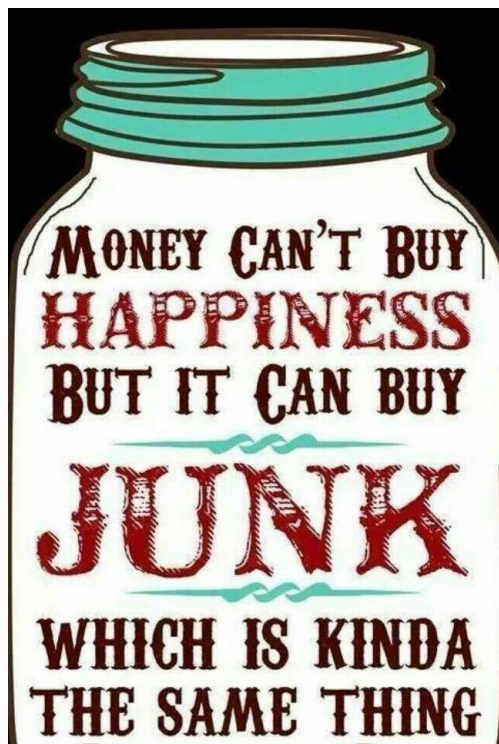
The official start of solar cycle 25 just keeps on teasing, but just seems to have trouble getting started, expect a lot of news and views as the Parker Solar Probe (PSP) and other solar satellites as well as earth based telescopes just keep showing us more details or surprises about our closets star.



The ESA / NASA Joint mission to the sun European Space Agency Space Obiter has now joined the Parker solar probe to further investigate the weird switching behaviour and possibly help explain why the sun is hotter above the surface than on the surface, and the data just keeps coming in, The parker Solar probe has now completed its closest pass to the sun yet, and continues to stun us with huge quantities of data.

And of course, SOHO, Stereo A, Picard and ground based observations are all looking at our nearest star. And showing just how much we still don't know.

And the all important number just keeps getting better, with only a single bright region, we have manager to remain in the low to mid 70's for solar flux, so even without sunspots, Yet, we have improving propagation on earths day side, so it's looking like the year is off to a good start, and its going to get better.



## 2020 JWMFD CONTEST REPORT

2020 Jock White Memorial Field Day Contest... been there... done that... .. and it all went very well this time. Not too many hiccup's and not one major break down.

The bus was at work and I had checked everything out prior to the weekend's activity. Saturday morning I was up early and off to work and after checking my emails and another cup of coffee I headed off to the clubrooms in the bus. I arrived just after 8.00am after the 400 meter drive! There was no one else there at that time so after I positioned the bus on the grass close to the kindergarten building I started to get things ready for the weekend. First was the generator, so I unpacked the sun shade tent I had purchased and took it out of its carry pouch. Once out I pushed the button on the top and bingo... it was instantly assembled... wow... what a great unit this is going to be in future trips away. I took the tent away from the bus and placed it under the trees around 15 meters away but where I could still see it. The next item to attempt was the tower... yes that's right... the one that took us 4 or 5 attempts to finally get up in the air and into position last year.



Out came the ladder and after gathering some tools needed I was up the ladder and preparing the tower by uncoupling the two retaining clamps that hold it in place while on the bus roof racks. Then I connected a couple of ropes to the loops at the top of the first section. I then had to remove the bolt that secures the inner section of the tower and push it out and then replace the bolt to keep that section up... not far but enough to get the antenna up high... not as high as we would have liked but high enough. Next year we need to double the height.





Gavin, ZL1INUX had arrived now and he was setting up the 40m station around his van and the gazebo that was placed at the back of his vehicle.

Ian, ZL1IRC also arrived after a trip back from Great Barrier Island where he had been involved in a SAR exercise... looking for a lost party after a push bike was found at the entrance of a tramping track... the final result... no one thought to be lost at all. Ian and I got onto the business of getting the tower up now. The battery had been hooked up and Gavin and Ian were holding the guys the steer the tower up past the air-conditioning unit on top of the bus. I pushed the button to operate the winch and click click it went but nothing moved. That was the first minor problem and only needed the bolt on the positive terminal tightened up. Back into action and with the others helping the tower was soon up and the guys attached to the fence uprights.

Then onto the aerials... their feeder connections... and very soon we had fed a rope in and out of the vertical spreaders of the folded dipole and attached it at one end to the pine tree and at the other end to the tower thru a pulley and up it went.



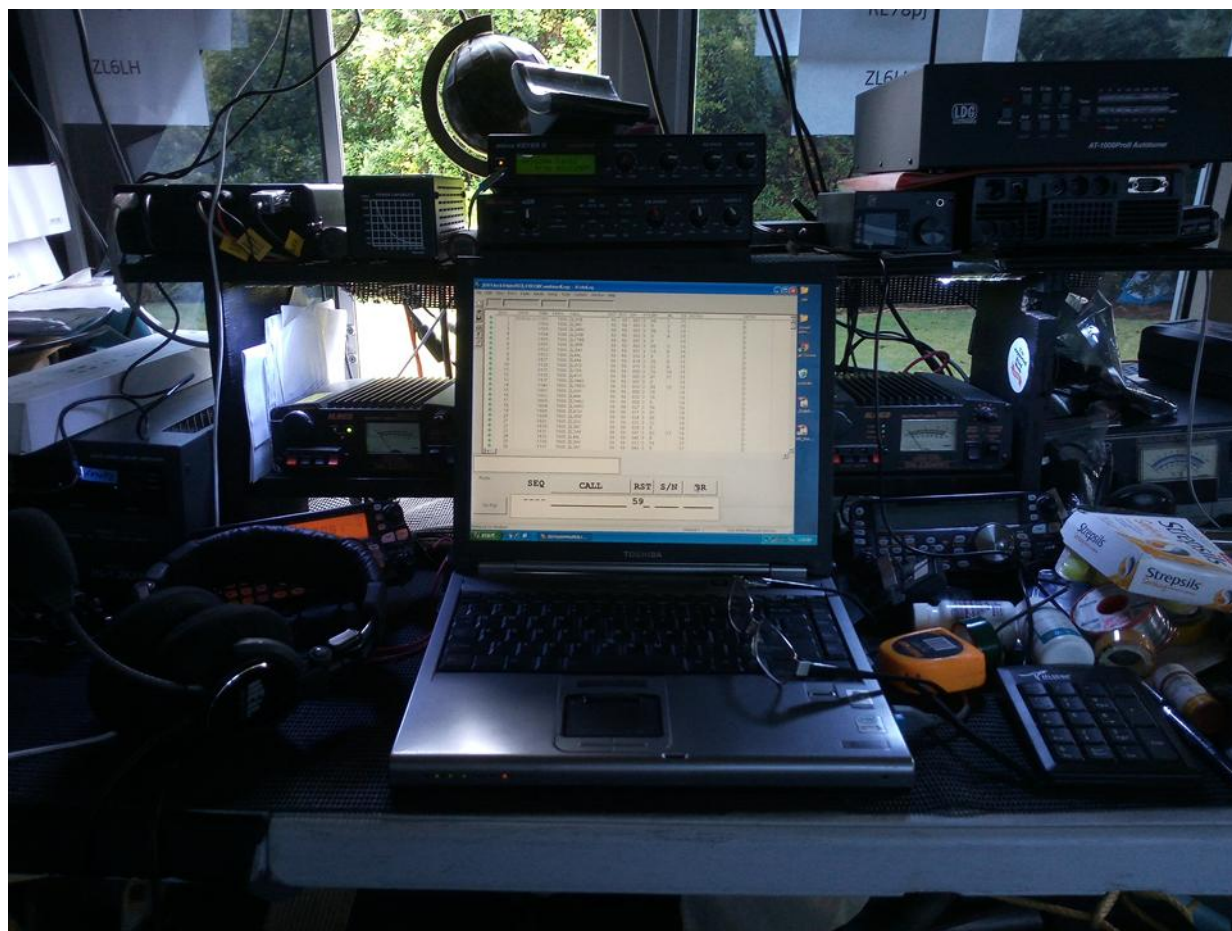


It was up and down a couple more times before we were happy with the positioning of it. Time for another coffee and shortly after it was all hands on deck. Gavin and Ann-Maree ZL1GIT and Ian worked 40m from his van and I worked the 80m section from my bus.



My setup included the 80m folded dipole, a Kenwood TS480SAT and a Microham MicroKeyerII. The MicroKeyerII was an essential item allowing me to operate nonstop for both sessions. The DVK or Digital Voice Keyer allows you to pre-record up to 10 messages and then just the push of a button on

the remote keypad and you have the 'CQ ZL1Victor Kilo' or 'CQ ZL1VK' or "Contest ZL1Victor Kilo" etc etc.



All you need to do is sit and push buttons (lower right corner) and answer the calls as they come in. I have recordings that last less than 2 seconds and wait for another 3 seconds or so for an answer before I push the button again. One button push about every 5 seconds or 10 to 12 every minute. That way you keep the frequency leaving enough time for a station to call you or you call CQ again. I really don't understand those who call CQ and then wait 10 or 15 seconds or more before they call CQ again.

Nobody is going to call you after 2 or 3 seconds have passed because if they have just arrived on frequency... they wouldn't have even heard you so my calling every 5 seconds... I consider... is the way to go. As for those who skip from frequency to frequency calling CQ... WHY? If you are calling CQ you should stay on that frequency for some time. During the very odd time that I did move away from 3600 KHz I came across a QSO just ending and then nothing. No a squeak from either party who had just completed their QSO... who owned the frequency... where did they both go and more importantly why did the both go?

Using the full callsign. How slick did the station operator feel who called me as... VK - 1## you're 59#####. That's not the way to create a genuine QSO in my way of thinking. In this case I went back to that station ZL1## from ZL1VK 59 24# Branch 65 over.

The next problem I experienced was when I lost my Microham connection... the link between the radio and the Microham box. I always thought that it was a software fault like when I was at Cape Palliser for last year's ILLW (lighthouse) activity. The Keyer worked 100% when checked at work but didn't when I arrived at Cape Palliser.

It turns out to be a hardware fault... when I 'screwed' the D9 plug into the data socket of the TS480SAT, instead of just pushing it in, all my troubles went. What a plonker... how long have I



experienced this fault... how many years have I gone working and then not working as I moved the connection in and out of contact but that will not be a problem again... I hope. Then there was the station that called me and I worked and then some minutes later he called me again. I said that we had worked that period and told him the report he had sent to me was 22# but he replied that can't be so as I'm only up to 24# now. DOH!!



Of Course the highlight of the weekend thou had to be when Wally, ZL1JLM, and his wife arrived with a lovely Passion fruit cheese cake and some Ginger Beer. Sorry but I only have a photo of the empty plate... the evidence had been lost!

In all a good weekend... I beat last year's total of 426 with 440 QSO's in total including two VK contacts, 27 Multipliers and the total for 80m amounted to 36018 points.

Once I receive the 40m log I will combine them both and find out the overall result for ZL1VK.

David ZL1DK

*Editors Note –The weather was as good as it was in 1947 – On day 2*



But I seem to recall the rain on Saturday to be worse than in Dave's report, and getting drenched to the skin while installing the baluns on the folded dipoles

## SEEN OR HEARD AROUND THE SCENES

### ITEMS FOR SALE

Since they did not sell at the boot sale, please note that Boris – ZL1TBE has for sale an ICOM 730 needing a new home to make space for the shiny new 7300, It's a good worker which has been heard on air a lot during nets, and still has a lot of life left in it. Asking price is \$250

Also n MFJ 949 Tuner, It's as new and covers the entire HF Band from 160 to 10 metres. The Large crossing needles of the SWR meter make checking performance a breeze, and with 2 coax inputs and a balanced input its also a antenna switch. Seeking Offers over \$200

### BRANCH 53 - TE PUKE AMATEUR RADIO CLUB – MARKET DAY

Saturday March 28<sup>th</sup>

Paengaroa Community Hall, Old Coach Road, Paengaroa

Tables are now being booked

\$20.00 for a 1.8 (*assume its 1.8 metres*) Table, \$25.00 on the day.

\$12.00 for ½ a Table, \$15.00 on the day.

For further information & Table Booking's, Contact:

Syd Rowe ZL1LWR Phone (07) 533 1029,

Mobile: 0272488664, Email [sydrowe@xtra.co.nz](mailto:sydrowe@xtra.co.nz)

Postal Address: 223 State Highway 33, RD 9, Te Puke 3189.

**DON'T FORGET, IF YOU HAVE ANY ITEMS OF NEWS, LET US KNOW ABOUT IT  
HERE**

### YOTA

Following the December YOTA month, it's good to see the Youth on the Air team rolling out some new materials and activities on their Facebook page.

<https://www.facebook.com/YOTAZL>

Keep an ear out for young voices, and welcome them, they will be you one day, which version do you want them to be?





# WE WANT YOUR SENSE OF ADVENTURE

YOTANZ or Youngsters On The Air (NZ) is a group of like-minded young Kiwis, who enjoy the hobby of Ham Radio. We have a growing group on Facebook which is dedicated to helping youngsters get into the hobby, and encourages everyone to share their radio operating activities, 3D Printing and Laser cutting designs and techniques, and offers a safe place for members to learn and ask questions all things tech-related. To Join go to: [www.facebook.com/groups/YOTANZ](http://www.facebook.com/groups/YOTANZ)



#RADIO  
#PORTABLE  
#ZL6YOTA  
@yotanznz



**YOTA NEW ZEALAND**  
YOTANZ.COM



# WE WANT YOUR PASSION

YOTA NZ or Youngsters On The Air (NZ) is a group of like-minded young Kiwis, who enjoy the hobby of Ham Radio. We have a growing group on Facebook which is dedicated to helping youngsters get into the hobby, and encourages everyone to share their radio operating activities, 3D Printing and Laser cutting designs and techniques, and offers a safe place for members to learn and ask questions all things tech-related. To Join go to: [www.facebook.com/groups/YOTANZ](http://www.facebook.com/groups/YOTANZ)



#RADIO  
#PORTABLE  
#ZL6YOTA  
@yotanznz



**YOTA NEW ZEALAND**  
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## SOME NETS – FOR WHEN YOU ARE LOOKING FOR COMPANY

Day	Time (Local)	Freq (MHz)	Group
Sunday	08:00	3.750	Southern Net
	09:00	3.700	Bch 10. Franklin.
	09:00	3.755	Bch 65. Papakura.
	16:00	7.125	SPAM Net (AM Mode)
	19:00	146.900	YL Net
	20:00	3.710	Bch 42. Titahi Bay
	21:30	3.595	Duran WIA Net.
	21:30	3.595	VK2WI
Monday	19:30	3.757	Bch 12. Hamilton
	20:00	3.540	CW Practice Net
	20:00	3.687	Br 80. Hibiscus Coast
	20:00	3.695	W.A.R.O
	20:30	3.870	O.T.C (Old Timers Club)
Tuesday	09:00	7.096	Ex Post Office Techs
	21:00	1.850	160m Net _ Ron ZL4JMF
	19:30	3.690	QRP ZL2BH
	20:00	3.581	CW improvers Net
Wednesday	20:00	3.660	Geek Net
	20:00	3.645	Bch 02. Auckland
	20:00	3.745	Bch 84. Bay of Islands
	20:30	146.525	W.R.S.C
Thursday	09:00	7.096	Ex Post Office Techs
	19:30	3.690	QRP ZL2BH
	20:00	3.540	CW Practice Net
	20:00	3.615	Bch 89. REG
	20:30	3.696	ZL10A
	20:30	3.666	LF Net ZL2CA
	20:00	3.690	ZL QRP SSB Net
Friday	20:00	3.850	SPAM (AM Mode)
	20:30	3.650	W.S.R.C.
	20:30	3.560	Digital Modes Net
Saturday	10:30	28.530	10-10 Down Under
	19:30	3.650	Christian Fellowship
	20:00	3.760	???
	20:30	3.600	Ch 62. Reefton/Buller
Daily or Other	07:30	3.696	ZL20A
	08:30	3.730	ZL3RP
	15:00	14.300	Pacific Seafarers
	17:30	3.760	Home Brew
	17:30	14.183	ANZA DX Net
	18:00	7.115	VK7OB
	19:30	3.720	ZL1MO
	18:30	3.766	ZL3LE
	08:30/20:00	3.730	ZL3RP
	20:30	3.725	ZL2HN / ZL4RF
	21:00	3.677	Counties Net ZL2MA

This is designed to be a living list, Please update whenever you are able :

Also: Calling Frequencies:      Daily    Sunset-Sunrise    3580 USB    NZ FSQCall  
 Courtesy of Murray ZL1BPU      Daily    Sunrise-Sunset    7105 USB    NZ FSQCall  
    Daily    24/7                    7104 USB    International FSQCall

I'm told the last of these sees some amazing DX, especially around sunset.

**Papakura Radio Club Inc.**  
**Branch 65 NZART Club Directory 2017**  
 Wellington Park, 1 Great South Road.  
 PO BOX 72-397 Papakura 2244  
 PHONE 09 296 5244  
 Westpac 03-0399-0019896-00  
 Club website: <http://www.qsl.net/zl1vk>  
 Club email: [zl1vk.club@gmail.com](mailto:zl1vk.club@gmail.com)

**Elected Officers**

<b>President</b>	ZL1NUX	Gavin Denby	Ph 09 299 3415	021 1046946
<b>Vice President</b>	ZL1BNQ	Richard Gamble	Ph 09 5371238	021 729270
<b>Secretary</b>	ZL1AOX	Ian Ashley	Ph 09 2981810	021 1981810
<b>Treasurer</b>	ZL1MR	David Wilkins	Ph 09 2999346	021 1857903
<b>Committee</b>	ZL1RJS	Rob Stokes	Ph 09 2961152	021 307005
	ZL1IRC	Ian Clifford	Ph	021 8248400
	ZL1ASN	Rolly Adams	Ph 09 2966107	021 0427760
	ZL1DK	David Karrasch	Ph 09 296 8264	021 560180
	ZL1RIC	Ricky Hodge		021 666421
<b>AREC Section Leader</b>	ZL1BNQ	Richard Gamble	Ph 09 5371238	021 729270
<b>CD Liaison</b>	ZL1AOX	Ian Ashley	Ph 09 2981810	021 1981810
<b>Newsletter Editor</b>	ZL1NUX	Gavin Denby	Ph 09 299 3415	021 459 192
<b>Hall Custodian</b>	ZL1AOX	Ian Ashley	Ph 09 2981810	021 1981810
<b>Newsletter.</b>	Contact: <a href="mailto:zl1nux@outlook.com">zl1nux@outlook.com</a>			

Our newsletter is published monthly and normally distributed just prior to the club meeting. Please forward articles etc to editor Wednesday 1 week prior to the general meeting. Do notify any change of address. Including E-Mail Address.

**Meetings**

General Meetings are held at the Club rooms on the 1st Wednesday of each month, starting at 7.30pm. Look at your calendar and mark these nights. The speaker follows the General Meeting.

Project Evenings are on the 4th Wednesday of each month.

Committee Meetings are held on 3rd Wednesday of each month at 7.30pm, unless advised.

Activity Nights are held on the 2nd Wednesday starting at 7.30pm.

AREC Meetings are on the 5th Wednesday night, also starting at 7.30pm

**AGM:** Held in November

**Subscription:** Full membership and newsletter \$20.00

Family Membership and newsletter \$30.00

Student or Country DX membership \$10.00

**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) after January 2011. Total 21 Points. Cost \$5-00. Certified list and \$5-00 to Secretary, Papakura Radio Club. Address above.

**ZL1VK Club Nets**

146.900 MHz Sunday at 8.30am. Controller ZL1NUX, Gavin Denby. If the repeater is not available, listen 146.475 simplex.

3.755 MHz Sunday at 9.00am. Controller ZL1BNQ Richard Gamble. (Linked to 146.675 & 438.775)