



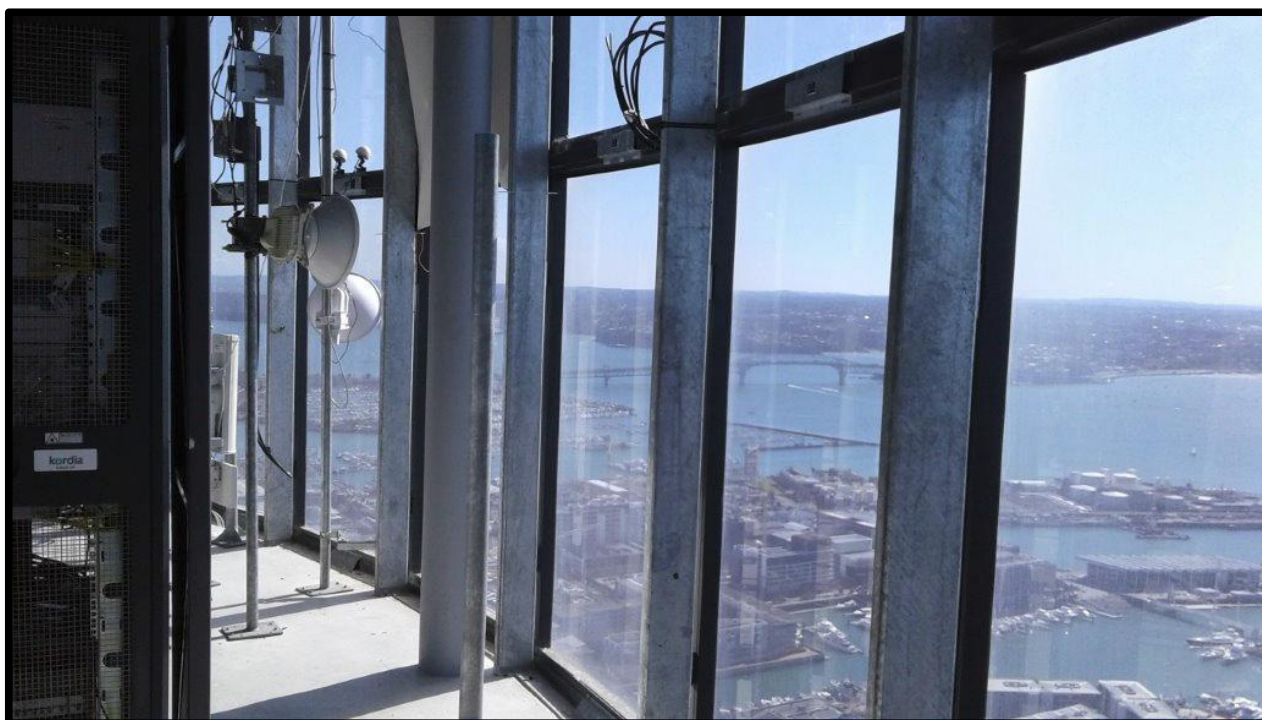
Hastings Br 13
Club Calls
ZL2AS
ZL2QS

Napier Br 25
Club Calls
ZL2GT
ZL2G

IRLP
Node
6793
147.250

Branch's
13/25
Net
9.00 AM
Sunday
Morning
670
Repeater

Editor
John Newson
ZL2VAF



View from the Auckland Sky Tower Com's floor, showing the aerial/services working through the glass panels of the tower. In the distance the Auckland Harbour Bridge can be seen
[https://en.wikipedia.org/wiki/Sky_Tower_\(Auckland\)](https://en.wikipedia.org/wiki/Sky_Tower_(Auckland)) provides spec's and some radio/technical information about the tower

<http://www.zl2gt.nz/>

<http://groups.yahoo.com/group/zl2as/>

Emergency Call-in Frequencies: 3615khz and 670 repeater



Inside This Issue

Hastings Branch 13 Report	Page 2
Napier Branch 25 Report	Page 3
2019 Branch 25 Project	Page 5
Notices	Page 5
NZART Conference and AGM	Page 6
Support funding	Page 6
A serious contest station	Page 6
Next meeting	Page 6
How to stop a reflector lock on	Page 7
Donated junk auction	Page 7
For Sale	Page 7
Photos from the REG Sale	Page 8

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Club Call:	ZL2AS and ZL2QS		

Club Nights: Fourth Wednesday each month at 7.30 pm Pakowhai Hall, Pakowhai Road, Pakowhai

The Top Seat has spoken

Well here we go again May and almost half way into the year and the shortest day is just around the corner so keep it in mind that the mid year xmas tea or maybe we should call it the winter solstice night out. Just for those that think it we'll be cold out - yes it is but it would be nice to make it along and join with in us that take our concrete pill to harden up for the night.

Well I am now a gold card holder and you know what it does not feel any different from when I was not one but the only thing now is I can't go around giving those gold card holders a hard time anymore now hihi, well I guess I will have to find something else to pick on. Now let me see where or what have I not been picking lately, hmmm, going to have to think a bit more on this matter. But wait there's more, after parking my car in town and never paying for a car park the car parking warden finally got me. Yes a parking ticket all of \$40.00 but I think I'm still on the top side and better off. I'm watching with interest the Give-a-little page for Xenia ZL4YL and Jaidyn ZL4WW both members of Branch 13 and as you maybe aware they are both going to join the International Amateur Radio Youth Camp in Bulgaria.

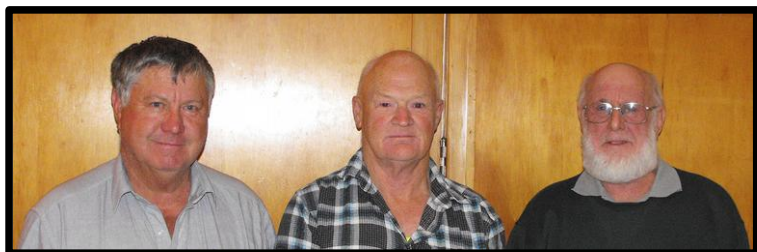
This is a once in a lifetime trip for both of them so it is with great pleasure that I invite you all to think what they are going to, what it will mean to them and to give a little to help them on their way.

So far they have \$2190.00 and still have a long way to go to reach their target of \$4800.00. So dig a little deeper guys and pitch in with any small amount will help. Think how would it be if you were in their shoes so any little amount will do as the saying goes GIVE-A-LITTLE.

I can understand that it is impossible for those that maybe don't live here in ZL but when you look at where some of the money is coming from you can see that even HAMS from other countries are pitching in on this, so please don't let the side down and give a little help (I have).

Well its got here and with that I guess you are all saying what the hell is this guy on about now, yep I can see you all sitting there thinking this bugger is mad but no I'm not. Let me explain, last week on the Friday I went into the AA office to apply for my

Continued on Page 4



*Branch 13/HBARC, Hastings, office bearers,
Peter Keong ZL2PW (Treasurer),
Blue Smith ZL3TT (President),
David Walker ZL2DW (Secretary).*

NAPIER BRANCH 25

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Stuart McLeod	8445706	email stushe@slingshot.co.nz

Committee Meetings: 7:30 pm, 3rd Tuesday of January, March, May, July, September, November

Club Calls: **ZL2GT, ZL2G**

Club Web Site: <http://www.zl2gt.nz/>

Club Nights: First Wednesday each month (except January) 7.30pm at the Club Rooms: 123 Latham Street Napier

From Napier Branch 25

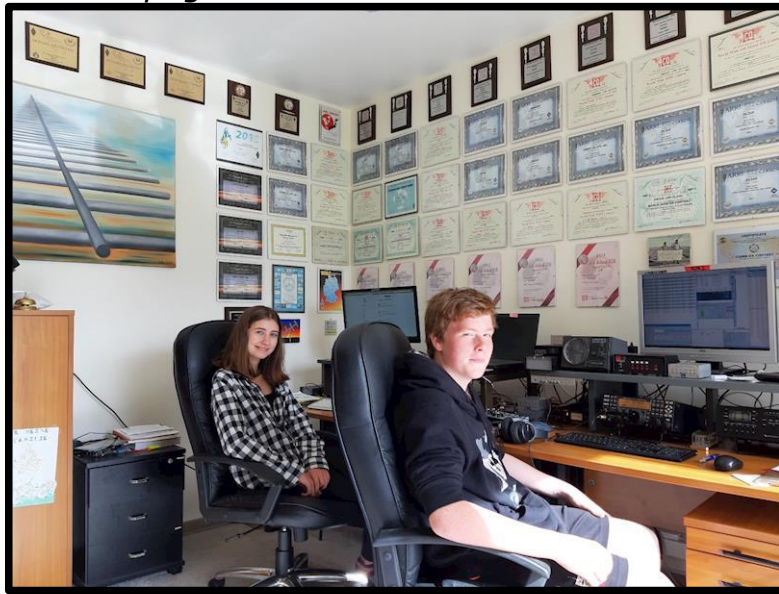
This month has been a quiet but busy one Ham Radio wise, I have been busy getting the current Club project under way, this is a two part project, first version is a dummy load, rated at 100 watts as a companion to last years SWR bridge, making the combination of the two projects a power meter as well. The second version is a LCD displayed version, that will display power, heatsink temperature and offer an auto ranging bar graph power display, so that tuning and SSB monitoring can take place. The power detection is by a logarithmic detector with a huge dynamic range, allowing detection from a few milliwatts to the rated 100 watts with ease. This is another Arduino based project, so the sketch will be available at the completion. There is a price list (that offers discount to Branch 13 and 25 members) elsewhere in this issue of Break Out. Be in quick as a total of 20 units will be offered, as usual.

The northern Summer has thrown up a few EME Dxpeditons, and I have managed to add 2 more countries to my DXCC list, I'm finding this task I have set myself quite daunting hi hi.

The Club Station has had it's 80/40 metre dipole reinstated, thanks to Wally and Blue (and the Mens Shed), so use of the Station can be continued for members of Branch 25, if you want to use it, get in touch with any Committee member for a key.

I hope to see you all at the next Branch 25 Meeting on the 5th of June 7:30pm, where I will lead a discussion on the project, in the meantime all the best for your Ham Radio endeavours.

73 Dave ZL2MQ

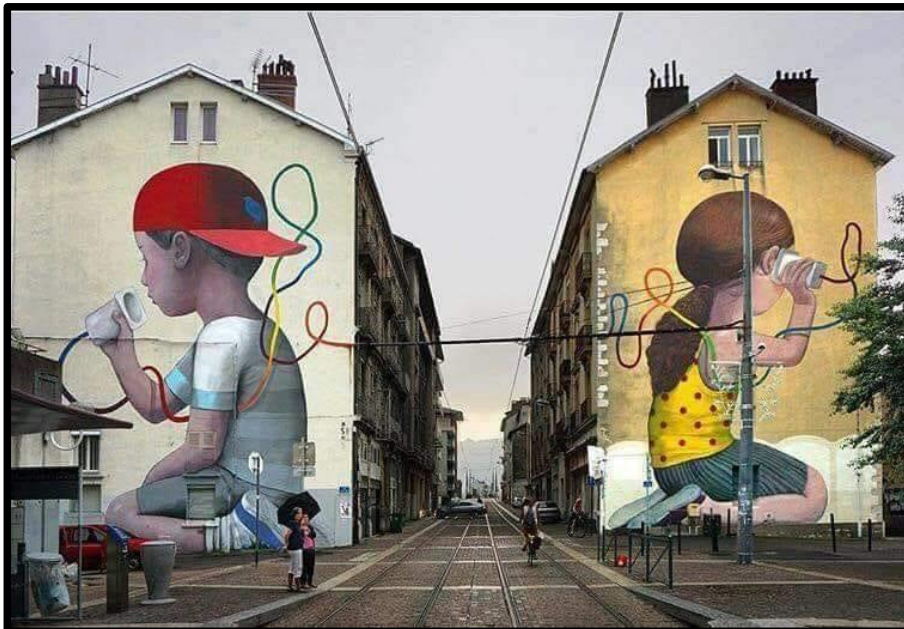


Xenia ZL4YL and Jaidyn ZL4WW Branch 13 youth members who are heading off to the International Amateur Radio Youth Camp in Bulgaria

new drivers Licence, filled in the paper and was told that I would get my new licence in about 2 weeks time. Well it looks like the LTS have got their act together as here it is one week later to the day and I'm now holding my brand new drivers licence in my hand and it sure looks a lot better than my older one, Well done LTS.

For those of you that don't know what LTS stands for, it's the office of the NZ transport Agency.

How many of you have been listening around the bands on HF and been able to work that DX that has been out there? I know I have and its not been too hard ether just being there at the right time and place is all good and once again it is the thrill of the chase to work some of these guys when the bands do open. NO D-Star here in my shack but I do confess I have Ekco link and access to the IRLP so I guess if I wanted to I could use these means of comms and have done so before.



I hope you can all see the picture and have a close look at the art work and how well it has been done there as so many fine details to this picture and the artist must have put a lot of work into it.

Well thats it for this mouth hope to see you at the next meeting and/or on air some time soon.

cheers Blue ZL3TT, President Branch 13 HBARC

Napier Amateur Radio Club
2019 Project:

The project this year is a dummy load, rated at 100 watts intermittent service, this is designed as a load for last years project, the SWR bridge.

As an alternative, an enhanced version of the dummy load is offered, this device has a full display with several readouts, including a bargraph display to facilitate tuning as well as digital readout of power, temperature and operating voltage.

Both units are housed in similar housings as demonstrated and confirmed at last months meeting. A selection of RF connectors is offered and the frequency response of the power meter is extended to the UHF range (500Mhz). Sensitive enough to read a few milliwatts with a top range of 100 watts (intermittent). As members of Branch 25 you are offered a discount and this privilege is extended to our neighbours at Branch 13.

Pricing is as follows:

Prices for Dummy load	BR 25 or 13 price	others price
Basic with UHF connector	\$58.00	\$63.80
Basic with N connector	\$60.00	\$66.00
Display with N connector	\$109.00	\$119.90
Display with UHF connector	\$107.00	\$117.70

What you get:-

All materials for your choice
PCB assembled if display mode
all other assembly your care

What you don't get:-

any painting or other finishing
wire or coax to connect unit

This hopefully is straight forward, please indicate your preference by return email.

YES! I would like to order:

Name Callsign.....

Type:.....

I do/ do not belong to Branch 13 / 25.

As always the number of units is limited so be in quick.

We hope to have a team event to paint/ finish/ assemble and test on a weekend special meeting.

Orders will stop being taken in 10days, ordering and readying kits will be a further 20days.

Thank you for your interest, 73 Dave ZL2MQ.

NZART Conference and AGM

Just a quick reminder to all members the NZART conference and AGM is in New Plymouth this Queens Birthday Weekend May 31 - 2nd June. The easiest way to register is via <https://conference.zl2ab.com/>

Just some notes the alternative program on both days does not start until 11 am

Also Gary ZL2IFB is authorized by ARRL to check QSL cards for DXCC, WAS and WAZ awards. If you've been patiently collecting QSL cards intending to apply for an award, you are welcome to bring them or ask a friend to deliver them to Gary at the conference in New Plymouth. You'll need to apply for the award and complete the official paperwork first: please email Gary@isect.com for detailed instructions. Card checking is free but there are charges for the awards (see www.arrl.org/awards).



SUPPORT/FUNDING for ZL4WW & ZL4YL participation at the International Youth Camp of IARU region 1 in August 2019 in Bulgaria

The youngsters set-up their fundraising page on "Give a little".

The link is here:

<https://givealittle.co.nz/cause/international-amateur-radio-youth-camp-2019>

Thank you.



"A Serious Contest Station"

(via and thanks to ZL2TC)

<https://amp.dxnews.com/ol3z>



NEXT MEETING

The next Br 13/HBARC meeting will be on 22 May, 7-30pm at the Pakowhai Hall, all welcome.

At this meeting we will do the two NZART remits (bring your copy of Break In with the remits).

Warren ZL2AJ will be representing us this year at the New Plymouth NZART Conference.

HOW TO STOP A REPEATER LOCK-ON

Over the last three weeks or so '670 repeater has had at least three "lock on's", sometimes for up to an hour at a time. It is suspected that they are not malicious and may be from an unlicensed source. Usually in the background can be heard what is presumed to be audio from a computer, on one occasion it was suspected that porn was being played, perhaps in someone's home workshop.

On Wed. 8 May, late afternoon a '670 lock on was heard again, this time David ZL2OK heard it and observed that he could hear himself being retransmitted.

Soon after he worked out that his 20m signal was entering an HF SDR unit in Utah, USA and the lock on offender was listening to the same SDR via his computer.

David had the presence of mind to make an announcement (via 20m to Utah and then via the SDR unit/computer back to Hastings NZ) and asked the offender listening to stop retransmitting the conversation via his locked on '670 transmitter..... immediately after the '670 lock on stopped.

At this point I advised the offender, via '670, that this was not the first time this had occurred and for them to be more careful in the future (and gave my call sign)..... so fingers crossed that it won't happen again.

Just prior to David's announcement two of us were about to go and DF the source as we had a defined bearing to start with so so further DF ing wouldn't have been hard.

Anyway top marks David for your presence of mind to know and work out what was going on and to make your announcement all the way via USA to someone on our door step.

David (ZL2DW, co trustee of '670)



Donated Junk Auction (and scrap metal collection) night

Start gathering.....the event is after our normal Br 13 meeting on 24 July, 7-30pm, Pakowhai Hall.

Always a fun night which benefits Club funds. All welcome.
(If you have any questions contact David ZL2DW)



FOR SALE (offers)

Dick Smith analogue multimeter and Transistor Tester, type Q - 1140

https://www.google.co.nz/search?sa=X&rlz=1C2GGRV_enNZ751NZ751&q=Dick+Sm

Any offer considered.

Contact David ZL2DW ph 0274 502501

Photos from the Hamilton REG sale

