

BREAKOUT

The Newsletter of the Hastings and Napier Amateur Radio Clubs

Hastings Branch 13 NZART - Napier Branch 25 NZART

Volume 20, Issue 5, June 2020



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



More cat-napping.....it seems that our previous cat napper has a companion

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

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

Emergency Call-in Frequencies: 3615khz and 670 repeater



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HASTINGS BRANCH 13

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Club Call:	ZL2AS and ZL2QS		

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

Branch 13

Gidday one and all

here we go at long last back to some normality. It's great that we can have a get together this month. Not a lot to report apart from the fact that I have been busy painting and getting the odd jobs around my QTH done and sorting some things out. I have been playing around with a Yaesu MP1000 field and having some good reports on it on 40 meters by using my slinky antenna at about 20 feet up. Not the sort of rig that I like as there are too many buttons on it, one or two more than my TS2000 but I guess it is what you get used to.

Good to see that the DMR is going well and there are more and more starting to use it. I'm still amazed at how quite it is compared to the National system but of course not every one can use it. In time there will be more and more come on board and see for themselves how good it is.

I was wondering how many of you would like to see a sign put up on the front of the club rooms along the lines of what the gun club have done to show out of townees where our club meets. I have been asked by a few where the club rooms are. Or maybe we should find some other way to advertise this. I think a sign at the front of the hall to one side would be OK if the hall committee would allow. It would be a bit smaller than what branch 25 have on their roof. So please think about it and let me or someone on the committee know if you have any thoughts on it.

Have you ever had this happen to you? I have 2 pairs of glasses and the other day I was walking around for over an hour looking for my new ones and do you think I could find them, not a show. I looked every where for them and no way could I find them. Finally I got my old ones and put them on and thats when I discovered the good ones were already on the top of my head! Now that is an old mans problem. Mind you I do that quite a lot put some thing down and go do some thing else and when you get back to what you were doing you can't find what it was you were doing, drives me mad. What's even worse is when someone else comes in to the shed and asks what you are looking for, you tell them and they go is this it, thats it - I'm out of here.

Well that's it for now so I hope to see some of you next week and others st some other time.

Blue ZL3TT

President branch 13 HBARC



*Branch 13/HBARC, Hastings, office bearers,
David Walker ZL2DW (Secretary),
Blue Smith ZL3TT (President),
Peter ZL2HM (Treasurer).*

NAPIER BRANCH 25

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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

Napier Amateur Radio Club

The rain is welcome I am sure, by farmers and those on the land, and even our own garden is happy with a few drops.

It is also a good excuse to be in the shack, either operating or dreaming up your next project. I thought I was just an experimenter, but it seems I am actually a "Maker" in modern parlance. Not to worry, I will carry on fiddling with things that interest me in this great hobby of ours.

Speaking of which, I have found an even cheaper PCB maker and have just received my order of stators and rotors to make a split stator capacitor, specifically for a magnetic loop antenna, I'll let you all know how it goes when I have completed it. I also have ordered a PCB for a 1296Mhz patch fed loop yagi, this idea came to me some time ago, and I am continuing with it, thanks to Son for knocking up some nice tinware for the patch and reflector.

Tomorrow is the shortest day, so we can dream about Summer and some outdoor activities. The next meeting of Branch 25 is Wednesday 1st of July, 7:30pm at the Latham street Clubrooms, all welcome, There is one remit to the NZART AGM to vote on, then Dave ZL2DW will regale us with some more of his extensive Amateur and professional radio expertise. I have noticed no trans tasman 6M E's propagation this mid winter, maybe I am missing it, but it seems quiet.

Reading last years blog for June, there are significant differences in our lives, that can all be put at the feet of COVID-19. Rugby, netball, golf and other sports just restarting on the international and national stages. Lets hope that the couple of cases that have reappeared recently, do not ruin what has been a magnificent effort by us all.

Napier Branch have been confirmed as the hosts of the 2020 NZART AGM and conference, so those members of our organising committee can start on the various jobs allocated to them, meetings on the subject will resume shortly. If you have an idea for a event or subject inside the conference, please let it be known to me or any other BR25 committee member. That's all for this month, keep warm and good luck with your ham radio pursuits.

Best 73

Dave ZL2MQ

What to do under lock down

I came across an Advance signal generator type D1, and having nothing else I was allowed to do, so I had a go.

The company started after the war in the 1950's in a garden shed in London.

The D1 is 14.7 kgs in weight which is explained by the need to remove three (3) steel plates just to have a look inside.

There is a 12AT7 rf osc using only one of the triode's of the valve in a steel box.

And two 6J5G (triode) valves that give the 1khz modulation to the signal.

Now the power output meter showed no output, so hooking up my scope also showed nothing.

It has only 15khz bandwidth.

My days of running around the base of octal valves with a meter was long ago, as I could not see the key on the valve base .

But I could find nothing wrong. So using my skills on repair of electronics I gave the unit a good thump. The power meter now gave a reading ok?

Still no signal on my poor scope (I should have given my head a thump as well).

I need a rf demodulator probe silly me.

In a box of unknown diodes I obtained by post from England (1967 sometime) I hooked one in series with the rf probe and a beautiful 1khz sine wave appeared.

Everything worked fine until I wound up the power output too much for the poor diode. The diode went into the bin, I replaced all the steel plates and went inside to have a cup of coffee.

We will call that a win.

PS my unit has a Pye elbow rf output and as I have a lead with two on, I can make up two test leads.

Eric ZL2TSU



Notices

BRANCH 13 General Meeting

Wednesday. 24 June, 7-30pm, Pakowhai Hall. One remit to do (bring your Break In) and a tiny bit of carry over paperwork.



Branches 13/25 MID YEAR XMAS TEA

Friday 24 July, 6pm, Napier RSA.

Bookings to David ZL2DW

0274 502501 or work 06 8765014 home 06 8760518.



Br13 DONATED JUNK AUCTION

After the 22 July General Meeting. Start sorting out your goodies to donate and bring along on the night, we'll also take scrap metal.



BRANCH 25 GUEST SPEAKER

(after the General Meeting on 1 July).

David Walker ZL2DW will give a talk about his radio career and perhaps some life stories and local history thrown in.

A bit of history and evolution re HF AM and SSB radio and early repeaters etc., amongst other subjects. You may have read some previously published history stories that he has written to whet your appetite.



Internet Link

This is a new Eimac/Varian Tube just introduced. Check out the amount of air it takes though... ICAS operation may all for less air however.

<http://www.tubecollectors.org/archives/606.pdf>

EAST COAST REFLECTOR

Thanks for your participation on the East Coast Reflector!

Whether you stumbled on it by accident or you purposefully chose to connect – we're glad you did, and we welcome you to the East Coast Reflector community.

The East Coast Reflector is a linked/bridged network of repeaters, nodes, and technologies that provides amateur radio operators a convergence platform where users of various systems such as Allstar, IRLP, D-Star, DMR, Wires-X, and Echolink can seamlessly communicate across the country and around the world.

The East Coast Reflector is not a club – nor is it affiliated with any. It is a platform built, maintained, and operated by individual operators, like yourself, who utilize available capabilities to enhance the effectiveness of today's amateur radio for the benefit and enjoyment of all amateurs.

Although we are the East Coast Reflector in name, at any one time there may be hundreds of connected nodes, repeaters and users from across the country and around the world. As with any large community, the East Coast Reflector includes people of all skill levels, backgrounds, interests, and experience. Whether you got your license two days ago or 30 years ago, it doesn't matter – you're welcome on the Reflector. A requirement, however, is that everyone is respectful of each other and follows standard amateur radio best-practices and Part 97 rules. As such, please review the link on the ECR webpage for our reflector use guidelines - [LINK](#) . Also, here are a few general tips for trouble-free use of the Reflector:

1. **Pause 2 seconds after keying-up to talk** to allow your signal to propagate through the network; there are many linked repeaters and nodes.
2. **Pause 3 seconds between transmissions** to allow other stations to break-in, or to allow other users to disconnect.
3. Set your radio, node, or repeater transmitter **Time Out Timer (TOT) to 3 minutes or less**. Continuous transmission for more than 3 minutes will cause the system to timeout and may impact other users and connected systems.
4. Enjoy the use of the Reflector and make many contacts; however, please be respectful of others who may want to use the system; **keep your QSOs to a "reasonable" amount of time** to allow others to use it as well.
5. **Keep your QRZ page up-to-date** with current contact information (i.e., email, address). There may be times when the reflector Control Operators will need to get in touch with you, and QRZ.com is the contact source that we refer to.

EAST COAST REFLECTOR

The East Coast Reflector holds a directed “**Tech Net**” every Tuesday evening at 8:00pm Eastern. All amateurs are welcome to participate. The net provides a forum for participants to ask amateur radio related questions, and to receive advice, information, and guidance from the pool of knowledge and experience of the net participants. Someone, somewhere, has probably faced the same issues you may be having, and will be glad to help out.

The net also provides time to introduce new hams – or those new to the reflector, a SwapNet for notices of equipment for sale/trade, a **DX station** check-in, a **mobile station** check-in, and a **general check-in**. Please note that the general check-in section of the net is done by call districts, e.g., users with a “4” callsign will check in when the “4th” call district is called – regardless of where the user is currently located.

We encourage you to visit the Reflector’s website at www.eastcoastreflector.com for more detailed information on the various connection modes, technical information, and real-time monitors. Additionally, if you want to be placed on the Reflector’s email list for news and updates from the Control Operators, you can do so from the website.

Again, thanks for using the East Coast Reflector; we hope to hear you again soon!

-73-

The East Coast Reflector Team

EAST COAST REFLECTOR CONNECTION OPTIONS

CONNECTION TYPE	NODE/ROOM #
AllStar Link (www.allstarlink.org)	<ul style="list-style-type: none">• 27339• 45192• 45225
IRLP (www.irip.net)	<ul style="list-style-type: none">• 9050
DMR BrandMeister (www.brandmeister.network)	<ul style="list-style-type: none">• Talk Group 3129973
D-STAR, WIRES-X	<ul style="list-style-type: none">• XRF892D• Must have DMR ID
EchoLink (www.echolink.org)	<ul style="list-style-type: none">• 57780• 375103
Yaesu System Fusion	<ul style="list-style-type: none">• YSF-92805