



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



At the Faraday Centre ZL4WW is learning about old technology (binary code from the scroll paper). No he's not playing the keyboard, he's pedaling like fury).

<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
Branch 13 Report Continued	Page 4
For Sale	Page 5
Donated Junk Auction	Page 5
144 – 146MHz Saga	Page 5
DMR Modulation	Page 5
Faraday Centre	Page 6
Hamilton Market Day	Page 7

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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 TABLE TALKS

Giddy one and all and I'm hoping this finds you all fit and well not like some of us that are a bit sore from things that go wrong with the body from time to time and it seems to get worse as we get older.

Well the Poms stole the world cup of cricket from us so that's one less cup that we don't hold, but I guess we really can't complain as we hold just about every other cup there is to have.

Can't do some of the things I used to do but am trying and one of those is trying to find out what is wrong with my tri band (VHF/UHF) antenna that has got a high SWR since it came down when the wooden pole snapped (where the eye bolts were screwed in to it. These were for the guy ropes).

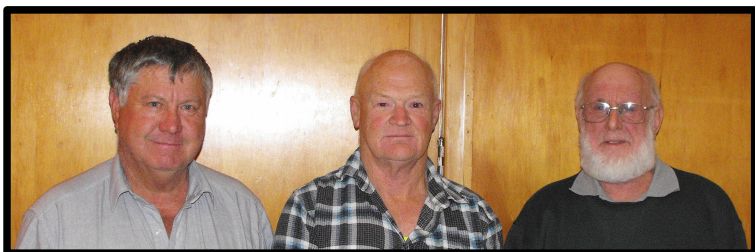
So with some help I will take it down, pull it apart and see if I can find the problem, fix it and put it back up, this will also include checking the coax first and it can sometimes be as simple as that.

Today having been out for a short while I returned home to a calm day so it was ideal to climb up (not me) and fix the antenna, found the problem, very simple.....

What most hams hate the most is water. It had got into the plug and was running down the coax and with some luck it was not getting into the coax, so we are all back up and running again with a low SWR and now getting into all the repeaters that I should be getting, a little maintenance goes a long way.

Some say I am a nasty man as I made my grand daughter get under the house and pull some of the coax free so I had more inside the house to reach the radio, but boy what a job getting her to go under, but after some coaxing and kidding her she went under with a lot of protesting but once she was under the house she was like a little dog, running around under there on her knees, even had to get her to slow down and listen to what I was trying to get her to do but with my instructions she got there and I was nice and let her go have a bath afterwards, hell I'm so kind hi hi. When I was a

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

President: Dave Crook ZL2MQ,
Secretary: Karl Matthys ZL1TJ
Treasurer: Peter Breen ZL2CD
AREC: Mike Bull ZL2VM

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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 months just keep rolling on, the days are lengthening, I have pruned the roses and sprayed everything, fertilised the whole garden, so it's all ready to go crazy again in spring.

Not too much excitement radio wise this month, just a few mid winter E's openings to VK, mostly FT8, I have my workbench loaded up with prototypes for the club project, and have finally flattened out the response of the detector. This means I just have to complete the Arduino sketch and we can start supplying those that have ordered.. still some space for orders hi hi.

The SDRplay people have come up with a diversity version of their SDRUNO software and I have spent a little time with it, a RSPduo SDR receiver and my 2 meter XPOL yagis, I intend to demonstrate this at a club meeting, but will use it at HF, using the vertical and horizontal antennas, that are part of the Club equipment.. maybe "show and tell" next meeting.

Our next meeting is August the 7th and after the usual Club business, it is "Show and Tell", where you bring anything that will be of interest to the group, this can be anything, even a paper or magazine clipping. No contest just for interest sake.... and join us for some chat and cuppa.

That's all for now

73 Dave ZL2MQ.

Continued from Page 2

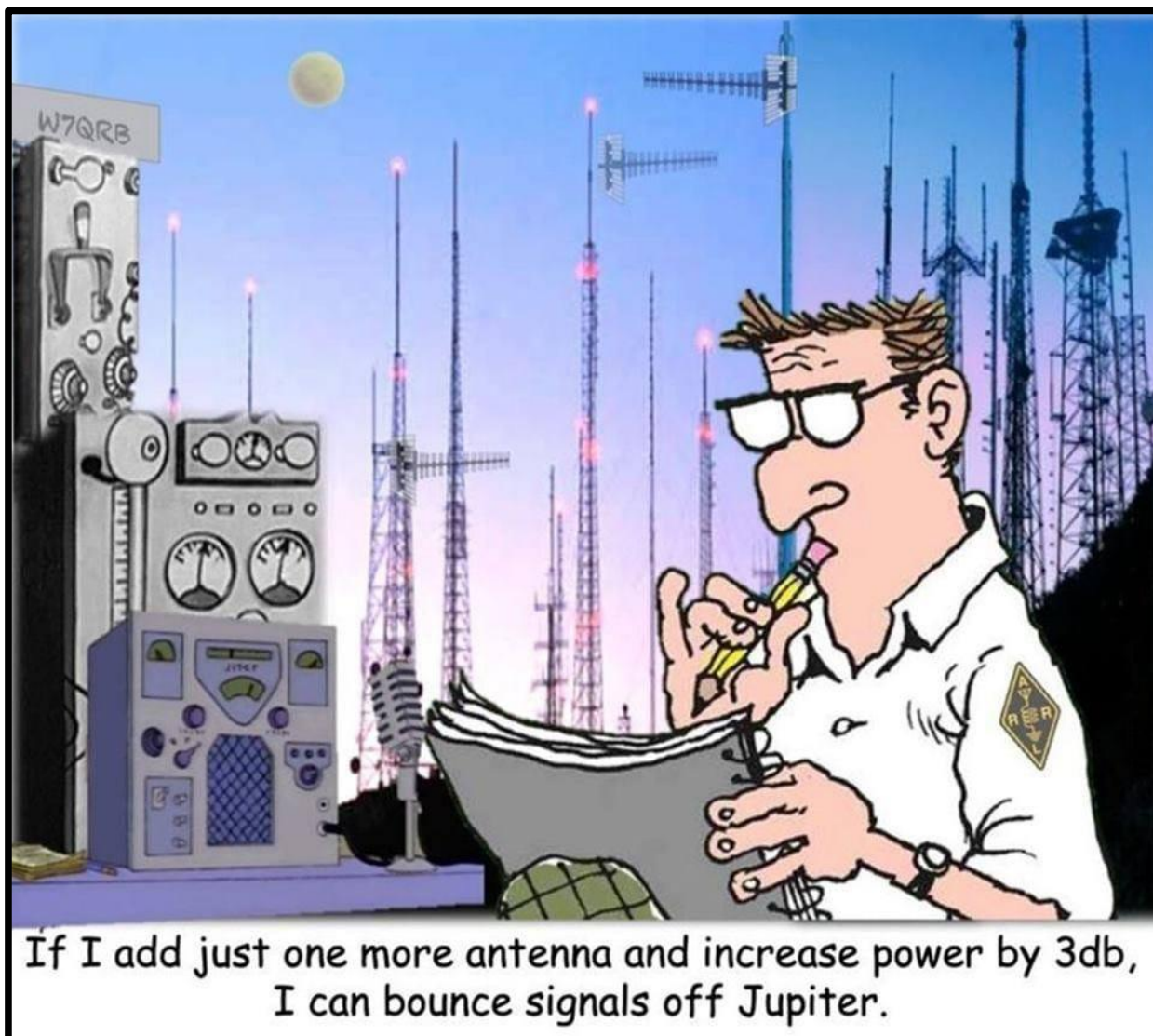
kid we were always trying to find things to do under the house or for that matter any house, even took scrap wood from all the new houses that were being built in our neighbourhood, got to the stage where my dad built a traller to go on the back of my push bike so I could bring more wood home for the fire in the Winter time, we didn't have to worry about smoke free fires back then.

I took a trip down to Dannevirke on the 13/07/19 to collect a newish radio and dear I say it, yep its an ICOM ID1500 dual band with D-star and god knows what else. I'm still learning how to use it and I know I can hear you all say," but Blue would not use a digital radio", but like all things we have to move with the times and learn new things, that is what this hobby is all about.

I also have the Peanut APP on my computer and I will say that if you don't want to spend the money on a digital radio and you have a computer you might like to use Peanut as it is simple to set up and use, but like all of these things after you talk and let go the ptt button WAIT<WAIT<WAIT or count to 5 before you reply to anyone as there is a small delay from all the switching that goes on.

Well that's about it for now, see some of you at the meeting and others whenever, good hamming and stay safe.

Blue ZL3TT President Branch13 HBARC



FOR SALE

Offers for the following items

- Kenwood TS430S HF transceiver
- power/SWR meter "Power Scanner", model PDC137 (made by Dynamic Corp)
- MFJ Versa Tuner model MFJ-941E
- GME power supply type PSA1210, 12v 11amps
- GME power supply type PSA1225, 12v 35amps
- Astatic fist microphone type 575M-6 (with spec sheet)
- Uniden Washington multi mode CB transceiver

Contact Brian Eccles, Hastings. 06 8733293



DONATED JUNK AUCTION (and scrap metal collection)

This will be held after the usual HBARC/ Br13 General Meeting on Wed. 24 July, 7-30pm, Pakowhai Hall. The doors will be open early so there will be a good/early chance to bring in your goodies. All welcome



144 - 146mhz saga

<http://www.arrl.org/news/iaru-president-offers-assurances-regarding-french->



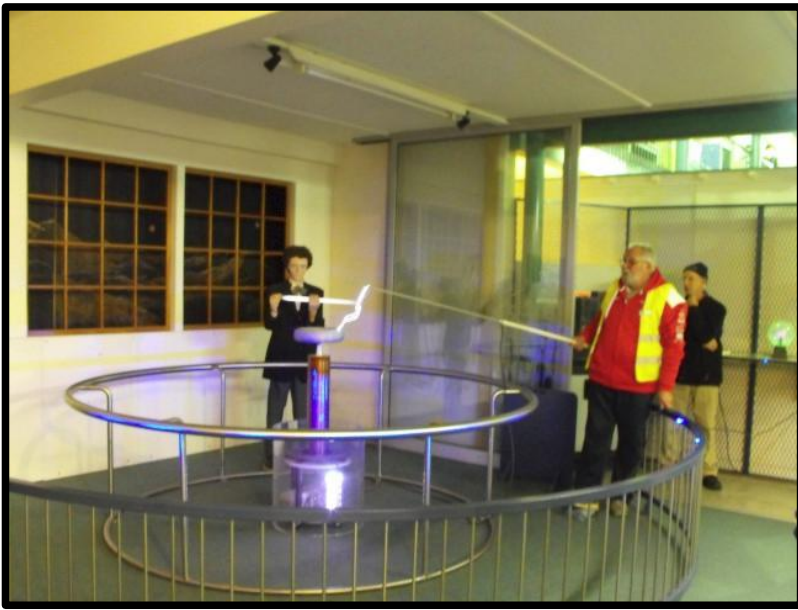
DMR MODULATION

A demonstration of a digital DMR R/T transmitting from a noisy environment. You will note that nearly zero environment noise is transmitted, leaving the digital voice alone to be transmitted. With an analogue R/T the environment noise would all but obliterate the voice content.

(Wind on the microphone is not transmitted via digital DMR R/T's.....as we know can happen with analogue R/T's).

https://www.linkedin.com/feed/update/urn:li:activity:6544342067005444096?mkt_tok=
(Sound up).

David (ZL2DW)



Nothing like a good ol' Spark Transmitter



Signs of a mis-spent youth (ZL2US) and another under training (ZL4WW)



Faraday Centre

On 26 June Branch 13 and others visited "The Faraday Centre" (a "hands on" museum at Napier) and had a great night out remembering things from the past.



ZL2DW making a call to Dr Who.

ZL2VAF and ZL2RO wondering about things of the past

SOME SNIPPETS re DIGITAL DMR COMMUNICATIONS

- I have worked Tasman ZL2EX who lives at Riwaka (near Takaka Hill) 192 Km from home (near Otaki) both on 2m and 70cm DMR, 2 watts, with good results on very weak signals on both bands. The equivalent signals on 16KF3EJN (analog FM) were virtually unreadable .

The DMR repeater can also handle 2 conversations at the same time another advantage over analog FM

Steve

ZL2KG

- I have a query, what distance can we expect a reliable DMR etc system to transceive, and at what power output level.?

Our Mt. Edgecumbe site has an unobstructed view of the whole of the Bay of Plenty, and further.. just thinking :-)

Ray, ZL1OW

On 10/07/2019 09:15, John Yaldwyn jy@4rf.com [zlnatsys] wrote:

- And that's why we're building a digital back bone, high site to high site.

Wellington to Porirua 18 km on 5.8 GHz operational. Porirua to Kapiti 40 km on 2.4 GHz (operational but not presently carrying DMR), Kapiti to Horowhenua on 70cm (proposed to be determined). These are not "Internet links" these are digital links directly connecting the relevant repeaters, using amateur freq's.

So my question is how far do we need to do this on our own before you think it is acceptably demonstrated that this is a good technology to deploy throughout the country?

John ZL4JY

(via David ZL2DW)



Construction of Radio Equipment in a Japanese POW Camp

<http://www.zerobeat.net/qrp/powradio.html>

Very interesting but long read. Br25 have this link already.

Here is another one for a laugh!

<http://www.zerobeat.net/qrp/missingq.html>

Peter ZL2LF

Hamilton Market Day

31st August

**At Gordonton Hall
1024 Gordonton Rd (SH 1B)**

This is a new location this year

Icom will be present

Selling starts at 10 am

Venue opens 8 am

Free entry for Buyers

Table Space: \$20.00 per space pre-paid

\$25.00 per space on the day

Food and Refreshments Available on site.

Web site:http://www.zl1ux.org.nz/market_day.html

Email: harcmday@nzart.org.nz

Postal: PO Box 606, Waikato Mail Center, Hamilton 3240

Hamilton Amateur Radio Club (Inc.) Market Day Registration Form 2019

Please check or amend/complete and return this form with full payment to:
Market Day Registration
P0 Box 606,
Waikato Mail Centre,
Hamilton 3240.

NAME:	Vendor Number:
CALLSIGN:	
COMPANY NAME:	PHONE (AFTER HOURS):
PHONE (WORK):	FAX:
POSTAL ADDRESS:	PCODE:
CITY:	EMAIL:

PLEASE INDICATE BELOW THE TYPE OF BOOKING YOU WISH TO MAKE

QUANTITY metre(s) of table space at \$20.00 per metre.

NUMBER OF PEOPLE ATTENDING:

SPECIAL REQUIREMENTS

Please list below the names of people who will be attending with you on the day for Vendor Passes.

Note that mains power is not available for the tables.

Please tick one — of the boxes

- Please keep my details for future Market Days.
- I don't want my details stored for future Market Days.

CONDITIONS OF BOOKING

- The Hamilton Amateur Radio Club (Inc.) reserve the right of entry.
- Vendors may not be admitted into the hall until any outstanding moneys are paid in full.
- The Hamilton Amateur Radio Club (Inc.) accepts no responsibility for lost, damaged or stolen items.
- The Hamilton Amateur Radio Club (Inc.) accepts no responsibility for any items offered for sale, trade, promotion or give away.
- Security is the sole responsibility of the vendor at all times.
- The Hamilton Amateur Radio Club (Inc.) accepts no responsibility for any events, actions, injury or damage by vendors. Market Day Personnel or the public.

Please find enclosed my payment of \$.....

(Please make cheques payable to Hamilton Amateur Radio Club)

or

Pay by direct debit Westpac a/c No. 03 1555 0064133 01

Please use Vendor Number and/or name as reference No.

SIGNED:

DATE:

Hamilton Amateur Radio Club (Inc.)

PO Box 606,
Waikato Mail Centre,
Hamilton 3240.

Market Day 2019 Invitation and Registration

Dear Vendor,

25 June 2019

Once again our Market Day is fast approaching and we invite you to join us for this year's event.

The event will be held at the Gordonton Hall, 1024 Gordonton Rd, Hamilton on Saturday the 31st August 2019.

If you are booking as a company or club, please supply a contact name on the registration form. Table space is **\$20.00** per metre for prepaid bookings.

This increases to **\$25.00** per metre if you choose to pay on the day.

We have a limit of **two** people per metre of space booked. If more people are likely to attend please contact the organiser.

Please note no additional vendor passes will be given out on the day.

If you have a large number of vendors attending your table please attach a list of their names and callsigns, if applicable, to your registration form. If you would like us to keep your vendor passes for collection on the day please indicate on the registration form.

Boot, trailer sales and other special bookings will again be available please contact the organiser with details to negotiate costs. **They will however not be under cover**

Some wheeled trolleys etc will be available in order to unload your items prior to the sale. Remember it is your responsibility to remove your unsold items. A charge will be made for the disposal of any unsold items left in the hall after the sale.

Note that mains power is not available for the tables

Please note that parking on the side of the highway (SH 1B) is not recommended as the highway is very busy. Please use the on-site parking.

For further information or any questions / queries please contact the organisers:

Brett Pascoe, ZL1FPG.

Jono Jonnassen, ZL1UPJ

Mobile: 021-274-2881

Mobile: 021-298-7780

Email: harcmday@nzart.org.nz

Mail: Market Day, PO Box 606, Hamilton, 3240

Web site: www.zl1ux.org.nz/market_day.html