



Hastings
Br 13
Club Calls
ZL2AS
ZL2QS

Napier Br
25
Club Calls
ZL2GT
ZL2G

IRLP
Node
6793
147.2
50

**Branch
Nets
9.00
AM
Sunday
Morning
3615
Hz**

**Editor
John
Newson
ZL2VAF**



The VHF Field Day site

<http://www.zl2gt.com/blog/>

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



*Join the KIWI DX Group
Talk to ZL2AL for Details*

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

From the Chief

Well the flurry of Xmas and New Year has been and gone and aside from the bonus of family stuff sometimes one wonders what it's all about, still, it gave me some time off and I'm grateful for that.

Are people busy racking up DX stuff behind the scene's (David ZL2OK) or are we just quiet ? Repeaters are active in the usual way and we've had our fair share of visitors passing through to talk to so that's good.

The Clifton remote site has given us some recent concern and there is more work to be done.....we're working on it.

Mike ZL1TV from Taupo will be visiting us at our next meeting (Wednesday 28 January, Pakowhai Hall, 7-30pm), I'm sure he will bring us a few good tails from across the Pacific Ocean.

Sub's are due and remain at \$20 so please bring those along to the next meeting and keep our treasurer, Peter ZL2PW, happy.

They can also be banked directly into the Branch 13 account (use your call sign as the reference)

the bank account number is 03 0642 0733310 00
or post to Box 2403 Stortford Lodge, Hastings 4153
or drop off at the workshop of David ZL2DW.

Let's see what plans we can formulate for this year at our next meeting, (one thing we have got in the queue is a look at some taxidermist work locally, a private collection...more on this later), looking forward to seeing you on the 28th.

73, Rob ZL2US.
Branch13/HBARC President.

NAPIER BRANCH 25

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Committee Meetings: Third Monday of the months Jan. Mar. May Jul. Sep. Nov. 7pm at the Club Rooms

Club Calls: **ZL2GT, ZL2G**

Club Web Site: www.zl2gt.com/blog

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

Napier A.R.C. News.....

Hi all,

Holidays over, and for those who still have to work, back to the usual routine. Ham radio activities often take a back seat over the holiday period, unless you are lucky enough to be able to operate portable or mobile from a holiday location, in which case there was some good 20 and 15 metre daytime DX about. For those of us who operate on the VHF bands, not so much.

The usual Xmas/New Year DX season for 6 metres was a bit of a fizzer this year, with only a few days of sporadic E propagation to get a handful of VK's and JA's in the log, the ZL3's and ZL4's faring much better than us in ZL2 land, such is the perversity of the propagation gods.

Never mind, we have a good program of club activities this year, and exterior refurbishment of the clubrooms to be going on with. This will be my last year as club President, and with the club in good heart, it's an opportune time to let someone else have a go.

In the meantime, happy hamming.

73 de ZL2TC

Pix from the Far North



During my recent holiday at "the Far North" (including Cape Reinga) I took these pix. at Awanui, just North of Kaitaia.

#1 shows the (aviation) "Non Directional Beacon" (four) support masts (about 25m high) (the beacon works on 238 khz and sends out MCW (morse) id info.) (Cow's optional).

#2 shows the "Aerial Coupling Unit" (a whole building) positioned in the middle of the four masts (not your average ham ATU hi hi)

David ZL2DW

VHF Field Day

This is my 10th year participating in VHF field day and I still enjoy competing. This year, or second at Whakapunake, has seen us break many of our own records. We enjoyed great support from local stations, and had many challenging contacts with dx field stations.

This year our team was 2. Steve, a usual accomplice, was unable to attend due to work commitments. As he is our Kordia approved contractor, this meant we no longer had access to the site building for amenities. Oh well. Myself and David ZL2OK went on regardless. We had great weather during the contest and I managed to get a little sunburnt. We arrived well equipped with our radio equipment, filtering, antennas, etc. But I forgot to repack the fibreglass poles that hold my tent up - whoops. So we tied the top of the tent up to the tower onsite. Unfortunately the wind picked up overnight so I opted to sleep in the back of my trailer - a little snug but it did the trick. Morning time and the weather was back to sunshine and gentle breezes.

Our best DX was to ZL1RS on 50 MHz, ZL3LF on 144 MHz, and ZL1IU on 432 MHz.

This year we made a few minor changes to our setup. Vertical yagis pointing South for FM contacts rather than omnis. As most of our local contacts were from one place we thought the extra gain would be useful. This proved effective and we will do this again. We also took a filter up for 50 MHz to help reduce the noise generated from onsite equipment. We also used a new FM 70 cm frequency 432.900 to comply with the 70 cm published bandplan. We had no reports of issues with using this frequency.

One lesson we learnt is that small rotators do not like unbalanced yagis. We were forced to disconnect it and tie a rope on the end of the 70cm yagi to turn it. Armstrong rotators prevail.

Thanks to Kordia, for allowing us access to the site, Gisborne radio club Branch 11, for allowing us to turn the onsite digi off for the night to limit interference on 144 MHz and all the field and ground stations that made contact with us over the weekend for keeping us company :)

Warren Harris ZL2AJ
David Sullivan ZL2OK



Letters to the Editor

Happy New Year all and one. (Never knew who the ONE was). A lot of activity on 670 and 725. David, listening for UFO's? Me listening for ETB's (extra terrestrial beings). All good humour. Someone out there has a great thumb, but no voice???? Yes, I know I get my cross banding muddled up from time to time, but you know it's (idiot) me. Thanks David DW (my minder) for telling me. The Phantom thumb is still a worry. Listening all day..... on 3 frequencies, I get odd tones, IRLP (half tones) etc, Roger beeps. My TS-120s has gone to the doctors for some TLC and thanks to Garry. ZL2GJ for the loan of an Icom- IC-751 which has raised my country count over the years to about 40!

And the Knitting Nets? Repeaters are there to be used. From my latest home-brew bit of gear, to my last lot of washing!!! Catch up daily with mates, and waffle. Go for it, with breaks, but yes make the best of HF while we still have it open. Seems all I can work at the moment is SPAIN and Italy.

Have a great year..... another trip to Wellington for me, so look after the Manor for me while I'm away.

73's. Ric ZL2RIC



From the internet

Thanks to Tony ZL2UBN

Voxel8 to 3D Print Complete Electronic Devices

Up until now, the vast majority of 3D printers on the market have been designed to produce plastic models, and if there's functionality, it's pretty primitive - like rotating gears. But Voxel8 aims to change that, with their upcoming 3D printer that can not only print plastic, but also circuitry.

<http://technabob.com/blog/2015/01/05/voxel8-3d-print-electronic-devices/>

RESOURCEFUL CNC ROUTER BUILT FROM HARDWARE STORE PARTS

Siemen has entered the wonderful world of Hobby CNC with his low-buck build of this gantry-style router. It embodies everything we here at HaD love: resourcefulness, perseverance and results. [siemen] has designed his frame using ideas he has found while surfing around the 'net and is made entirely out of particle board. For linear movement, the Y and Z axes rely on ball bearing drawer slides while the X axis use a pipe and skate bearing arrangement. NEMA 17 stepper motors coupled to threaded rod move each axis. <http://hackaday.com/2015/01/05/resourceful-cnc-router-built-from-hardware-store-parts/>

YOUR FIRST WIRELESS SET

WHEN YOU HAVE YOUR FIRST WIRELESS SET INSTALLED FOR YOU—

J. J. J.



DO NOT DELAY—



TO TAKE FULL ADVANTAGE—



OF ITS ENTERTAINMENT—



FOR ONCE—



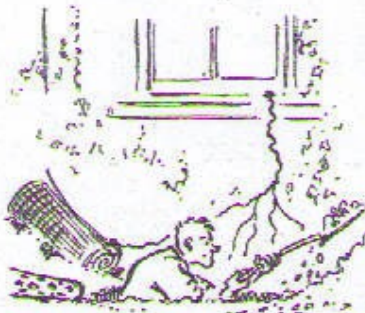
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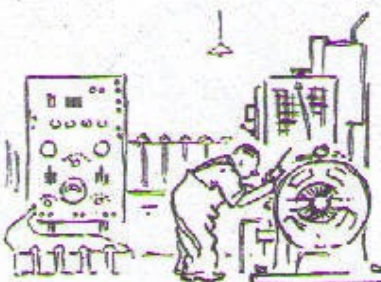
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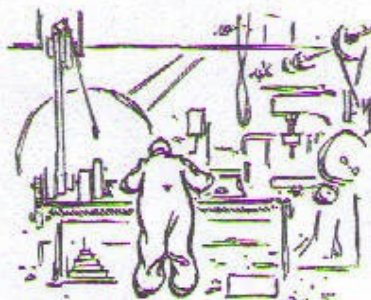
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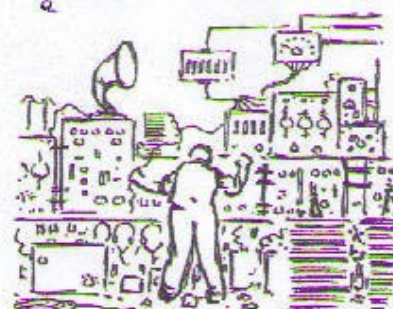
NEVER AGAIN—



HAVE—



MUCH—



LEISURE FOR LISTENING.

Believed to have come from "Punch" magazine in the mid 1950's



Branch 13 Sub's are due and remain at \$20

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Branch 13 AGM and Homebrew night



*Branch 13
Homebrew
Trophy being
handed to Jan
ZL2CZE by Rob
ZL2US
(treasurer Peter
ZL2PW looking
on)*

*Branch 13
committee
Rob 2SG,
David 2OK,
Rob 2AN,
Rob 2US,
Bert 2OC,
David 2DW,
Peter 2PW,
Jan 2CZE*



Wanted

Red ferrite core, T120/2 or T300/2 for making UNUN 9:1 balun. Or better still, a 9:1 balun for end fed antenna.

Contact: Ric. ZL2RIC. 878 3558 / 021 21 40624