

BREAKOUT *The Newsletter of the Hastings and Napier Amateur Radio Clubs*

Hastings Branch 13 NZART – Napier Branch 25 NZART

Volume 10, Issue 2, February 2012



Hastings Br
13
Club Calls
ZL2AS
ZL2QS

Napier Br 25
Club Calls
ZL2GT
ZL2G

IRLP
Node
6793
147.250

**Branch
Nets**
9.00 AM
Sunday
Morning
3615 Hz
439.175
mhz

Editor
John Newson
ZL2VAF



The equipment at Taraponui

'725 repeater

'725 repeater Duplexer

'405 duplexer

'405 repeater

APRS equipment

<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 Surf Club Rooms, Windsor Park, Hastings

NOTES FROM CAPTAIN Rob ZL2US

Hello all, what strange Summer weather HB is having, maybe that is the reason for local activities of amateur radio being quiet.....maybe you are beavering away in your shacks on Home Brew items, we look forward to your presented constructions at our AGM.

Talking of AGM's, sub's are now well overdue and now would be a good time to pay up or your supply of Break Out may stop. Do join your local Branch and help it support the local amateur radio assets eg. repeaters, APRS digipeaters and your representation avenue to NZART, amongst other things.

I came across this dittie the other day, so I share it for your consideration.....
"IT'S NOT THE CLASS OF LICENCE THE AMATEUR HOLDS, BUT THE CLASS OF THE AMATEUR THAT HOLDS THE LICENCE" (author unknown).....definitely worth thinking about.

I believe the interconnect between Napier ' 725 repeater and Taupo ' 675 is under construction.....this brings me to the reminder issued last month about using ones FULL call sign, at least at the beginning and end of ones QSO. Remember that this interconnect will be allowing ZL1's to communicate with us ZL2's so the proper use of call sign's becomes even more important.....and having said that I have heard a welcome improvement in the proper use of call signs since last months reminder, thank you.

Recently I have been involved with the winding up of an amateur estate due to him becoming a SK. It's nice to see some clear instructions being left to his family.....and as it happens a local Branch benefiting as a result.....thanks OM.

Not far now to "National Amateur Radio Day" (10 March 2012). Br 13 will again this year be displaying at the Hastings Town Clock, do come along and lend a hand.

73 for now, Rob ZL2US.

NAPIER BRANCH 25

President: Laurie Winton ZL2TC 843 8519 email laurie@wilcom.co.nz
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Committee Meetings: Third Monday of the month 7pm at Club Rooms

Club Call: **ZL2GT**

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

Napier News...

With the holiday season over its back to the grind for another year. Also time to think about outside antenna maintenance before winter. Coax cable outside eventually absorbs water through the PVC jacket, and corrodes the copper braid, so if your coax is more than 10 or 15 years old, scrap it, it's no longer coax cable.

Thanks to the efforts of Lee ZL2AL, most of the surplus equipment that was donated from ZL2ADM's estate has been sold, for the benefit of the club's finances. Some items remain, so come along early to the March meeting and have a look. Under all the junk might be just what you're looking for.

434.05 Taraponui is performing well with a new antenna, thanks to ZL2DW, ZL2AJ and ZL2TC. To say it was not a good day for it is an understatement, wet and misty with a finger-numbing wind chill, and 2AJ's vehicle doing an impression of a tea kettle. 434.05 now puts a good signal into Waipukurau and Takapau.

March 3rd is the Te Puke ARC junk sale at Paengaroa. (30 km from Rotorua). This is a popular event and usually well attended. Coffee and eats available from 8:00 am.

Operators needed for the Silver Fern Rally, contact ZL2AJ if you can help.

73's ZL2TC

AMATEUR RADIO TRAINING WEEKEND

The next proposed weekend for the amateur radio course to get your amateur radio licence is to be held on the 31st March, 1st April.

While some pre-reading is required, this course is essentially completed with in the weekend, and the exam will be held on the Sunday Afternoon. Callsigns will be issued at the completion of the weekend.

The weekend program runs from 0800-1700 Saturday and Sunday. Course costs will include morning and afternoon tea, and lunch on both days, as well as the training manual in hard copy, and membership to HBARC. Places must be booked and paid for by the 24th of March. Course cost \$65. Callsign costs (if you pass the exam) additional \$95 (includes subscription to NZART)

Please forward this email around, and submit to your club magazine.

Any interested people to contact myself or Rob ZL2US wk 8782828 hm 8786381

Regards,
Warren Harris ZL2AJ



CRYSTALS

At the next Br 13 meeting (22/2/12) David ZL2DW will bring along a selection of old electronic crystals that may be of some interest to some.



Ten Commandments of Electrical Safety

- (1) Beware of the lightning that lurks in an undischarged capacitor lest it cause thee to be bounced upon thy backside in a most ungainly manner.
- (2) Cause thou the switch that supplies large quantities of juice to be opened and thusly tagged, so thy days may be long on this earthly vale of tears.
- (3) Prove to thyself that all circuits that radiateth and upon which thou worketh are grounded lest they lift thee to high-frequency potential and cause thee to radiate also.
- (4) Take care thou useth the proper method when thou taketh the measure of high-voltage circuits so that thou doth not incinerate both thee and the meter, for verily though thou hast no account number and can be easily replaced, the meter doth have one and as a consequence bringeth much woe upon the supply department.
- (5) Tarry thee not amongst those who engage in intentional shocks for they are surely non-believers and are not long for this world.
- (6) Take care thou tampereth not with interlocks and safety devices, for this incureth the wrath of thy seniors and bringeth the fury of the safety officer down upon thy head and shoulders.
- (7) Work thee not on energized equipment, for if thou doeth, thy mates will surely be buying lunch without thee and thy space at the table will be filled by another.
- (8) Verily, verily I say unto thee, never service high-voltage equipment alone, for electric cooking is a slothful process, and thou might sizzle in thy own fat for hours on end before thy Maker sees fit to end thy misery and drag thee into His fold.
- (9) Trifle thee not with radioactive tubes and substances lest thou commence to glow in the dark like a lightning bug.
- (10) Commit thee to memory the works of the prophets, which are written in the instruction books, which giveth the straight info and which consoleth thee, and thou cannot make mistakes.

-From *Orbit*, the Journal of the Rutherford High Energy Laboratory, Didcot, England (31 January 1965) p.12

The Silver Fern Car Rally 2012

I have been tasked with organising comms for this event.

The Silver Fern is a 7 day international marathon rally. It is being held in the North Island in the 2nd week of November 2012.

I am looking for operators that fit one of the following profiles.

- 1) A mobile operator that wishes to follow the rally through its 7 days. You must be HF ready for 80m and 60m portable communication. VHF while mobile, HF when onsite. Fuel and accommodation will be provided.
- 2) A local who wishes to participate as the rally passes through your area. This could be mid week. HF portable and VHF mobile required.
- 3) Base HQ operators. For part or all of the 7 day event. The base is likely to be in Hamilton.

If you are interested please indicate your interest to me via email. If you have worked car rallies before (and not one I've organised) please let me know so I know your capabilities.

warren@zl2aj.com

Some info is at <http://www.silverfernally.co.nz/rally2012/index.php>

The course is likely to travel from Tauranga through Rotorua, Gisborne, Hawkes Bay, Palmerston North, Ohakune, Taupo, finishing in Hamilton.

Regards,
Warren Harris ZL2AJ
021-649284
warren@zl2aj.com
www.zl2aj.com



New Zealand Amateur Radio Day 2012

This will be held on **March the 10th** from **1000 to 1400** hours.

Branches are encouraged to set up a station in a prominent area in their local community, and to make contact with other NZARD stations and home stations. Make sure you seek the appropriate permissions to establish a station, with the council or businesses as appropriate.

Media inclusion is to be encouraged. Be sure to have pamphlets at hand. Contact NZART HQ for pamphlets.

A good idea is to have some hams operating equipment, and other hams available to talk to public and explain what amateur radio is and our place in the community, and how easy it is to get an amateur licence. After the event follow up with anyone that showed interest, and assist them with gaining their amateur licence.

The purpose of NZARD is twofold. To expose our hobby to the community and to prospect for potential amateur operators.

Please take photos and write a short activity report, and submit to Breakin for publication.

Any questions please send to Warren ZL2AJ at warren@zl2aj.com or 021-649284

TARAPONUI ' 405 AERIAL REPLACEMENT

On 6th February, 2012, Laurie ZL2TC, Warren ZL2AJ and David ZL2DW traveled to Taraponui HB (4300 ft asl) to replace a previously discovered faulty '405 repeater aerial.

The job went well but the weather could have been kinder to us. We started the day off in rain/drizzle but had cause to be optimistic as there were patches of "no rain". However on site we worked mostly in cloud and drizzle and a light southerly, the temperature was 8 deg's brrrrrr.

We also took the opportunity to replace a rusty clamp on one of the dipoles used for ' 725 repeater.

We had a fortunate work place, being a large platform and hand rails on the top of the 12m microwave tower. The job went well and the results very satisfying.

David ZL2DW

Warren ZL2AJ and Laurie ZL2TC considering their next move re the 2m/70cm aerals at Taraponui (both soon after added many more clothes due to the temp. being 8 deg's with a light southerly and mist and drizzle).



Laurie ZL2TC changing the clamp on one of the '725 aerial at Taraponui (the picture was taken from the ground and zoomed up, hence the "white" conditions as cloud swirled around)



*The almost finished arrangement at Taraponui. Top aerial is a UHF collinear (for '405) fed with LDF 550 coax. cable. The two phased dipoles are for the '725 repeater transmitter, again fed with LDF 550 coax. cable.
(The UHF corner reflector aerial is for commercial use).*

Branch 13 Subs Now Due

Br 13 sub's remain at \$20 (or \$30 for a couple) and are now due. They can be paid to either Peter ZL2PW, David ZL2DW or banked directly into the club account at Westpac (use your call sign as the reference). HB Amateur Radio Club 03 0642 0733310 00.

NOTICES

HB Car Rally

Saturday 9th June 2012



Silver Fern Car Rally

November 10th - 18th 2012

Buy – Sell - Etc

For Sale

1 Alliance beam rotator and control box dual speed, control indicator box and power supply
1 80-10 meter trans match unit
1 Icom 720A transiever and 12 volt power supply
1 desk micraphone Ic-SM5
1 hand held micraphone
1 0-240volt Vari transformer
2 new 6js6c El-Menco Valves
1 12 volt power supply.
this is on behalf of
Jim Stephen ZL2AZV
06 8777725/ 027-4407001



Wanted

Valves 6je6, 6je6a, 6je6b, 6je6c, 6lq6, 6me6, 6mj6
Contact Blue ZL3TT valves 6je6, 6je6a, 6je6b, 6je6c, 6lq6, 6me6, 6mj6
contact blue zl3tt



For Sale

Available for offers,
- 20ft windmill type tower, four sided.
- Oregon poles and hardware
Make an offer to Rob ZL2US wk 8782828 hm 8786381