



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 kHz  
439.175 MHz

**Editor**  
John Newson  
ZL2VAF



*Ethernet cables wrapping over the LDF550 coax cable on 670 repeater and continuing in parallel up the tower, causing the noise we have heard on the repeater from time to time*

<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 25 Open Day 1	Page 4
For Sale (offers)	Page 4
A Super Cool Transmitter	Page 4
New Phonetic Alphabet	Page 4
Modern HF Amplifier Design	Page 5
Memories Wanted	Page 6

## HASTINGS BRANCH 13

<b>President:</b>	Rob Leicester ZL2US	Ph 878 6381	
<b>Secretary:</b>	David Walker ZL2DW	Ph 876 0518	email david@apexradiocoms.co.nz
<b>Treasurer:</b>	Peter Keong ZL2PW	Ph 877 4529	email: pkeong@xtra.co.nz
<b>AREC/CD</b>	John Newson ZL2VAF	Ph 876 0370	email: zl2vaf@gmail.com
<b>AREC Deputy:</b>	Robert Wallace ZL2SG	Ph 878 4993	email ffonzrjw@xnet.co.nz

<b>Committee:</b>	- Ray Barlow ZL2RB	Ph 06 878 6068	email: r.w.barlow@xtra.co.nz
	- Peter Moore ZL2HM	Ph	email:
	- Blue Smith 3TT	Ph 027 220 3724	email: kgsmithblue@nowmail.co.nz

<b>Hastings QSL Distribution:</b>	Wally Shuker ZL2MO	Ph 843 5497	email ZL2MO@hotmail.co.nz
<b>Magazine Editor:</b>	John Newson ZL2VAF	Ph. 027 230 3642	email john@thecomputerman.co.nz
<b>NZART License Examiners:</b>	Peter – ZL2LF, Dave – ZL2MQ, Ray – ZL2RB		
<b>Club Call:</b>	<b>ZL2AS and ZL2QS</b>		

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

## FROM THE COMMANDER

Just when I thought it was all over I got called back to do some more truck driving but this time only part time. This means that I have been able to attend some nets and make other HF calls. Ham Radio life continues.

We've had a good response from our sub's reminder but there are still a small number outstanding. Sub's were due in late November 2016. This will be your last reminder, if Break Out stops arriving you'll know why. The Branch bank account number is 03 0642 0733310 00 for you to make an on line payment (use your call sign as the reference) or David ZL2DW or myself can be contacted for us to receive your cash or cheque. The sub is \$20. Thank you.

July will be our usual "Donated Junk Sale" night but this time with an added twist.....bring your scrap metal along too and we'll turn it into Branch funds. Nothing will be to big or to small. If you wish to deliver your metal early talk to David ZL2DW to make arrangements to do so.

We are gathering a few names for our next AOC "Boot Camp" weekend, this time in late Aug. If you know of anyone that may like to sit the exam, get them into the NZART Training Manual NOW and get them to talk to David ZL2DW or myself.

Our next Branch 13/HBARC meeting will be on 24 May, 7-30pm, Pakowhai Hall. This month Rob ZL2AN will talk about the development and construction of his HF Solid State Amp., all welcome.

73,

Rob ZL2US President Branch 13/HBARC, Hastings



*Branch 13/HBARC, Hastings, office bearers,  
Peter Keong ZL2PW (Treasurer),  
Rob Leicester ZL2US (President),  
David Walker ZL2DW (Secretary).*

## **NAPIER BRANCH 25**

**President:** Dave Crook ZL2MQ, 02102969006 email [davey.crook@gmail.com](mailto:davey.crook@gmail.com)  
**Secretary:** Karl Matthys ZL1TJ 845 4372 email [karl@waspnet.co.nz](mailto:karl@waspnet.co.nz)  
**Treasurer:** Stan White ZL2ST 843 7236 email [stanandbern@gmail.com](mailto:stanandbern@gmail.com)  
**AREC:** Mike Bull ZL2VM 843 6052 email [rlb.mbb@xtra.co.nz](mailto:rlb.mbb@xtra.co.nz)

### **Committee:**

**Michael Mullins** ZL2MY 843 4210 email [michaelmullins@xtra.co.nz](mailto:michaelmullins@xtra.co.nz)  
**Revell Troy** ZL2SS 0210742837 email [revelltroy@hotmail.com](mailto:revelltroy@hotmail.com)  
**Peter Breen** ZL2CD 0274721527 email [peterbreen@clear.net.nz](mailto:peterbreen@clear.net.nz)  
**Wally Shuker** ZL2MO 843 5497 email [ssplat@xtra.co.nz](mailto:ssplat@xtra.co.nz)  
**Paul Cavanagh** ZL2HB, 843 1977 email [pcavanagh10@vodafone.co.nz](mailto:pcavanagh10@vodafone.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

## **Napier Amateur Radio Club**

This month the topics seem to be antennae, the raising of them and testing thereafter.

The initial Sunday of a series of Open Days at Napier Amateur Radio Clubrooms obviously went well, with Mike ZL2VM, Wally ZL2MO, Randell ZL2NW and Revell ZL2SS joining in to raise and test antennae on the fields around the Clubrooms, then Revell demonstrated his breadboard projects along with a cuppa.

It was held on Mothers day, so we hope to see more at the next Open Day, where David ZL2DW and Phil ZL2RO have offered to demo a Drone installing a lightweight string over a tree to pull up aerials (after attaching a heavier line).

This event will be the 18th June, 1330hrs. Bring your projects and questions for some lively discussion, and Cuppa.

Space launches are in the news and as I write this we are anticipating a launch from Mahia peninsula.

This will be the first of 3 test launches before commercial flights begin. I wonder if AMSAT-ZL have considered asking for a "lift" on one of these test flights for their KIWISAT? You can see the progress of "KIWISAT" at <http://www.kiwisat.org.nz/status.html>

The Northern Summer has seen the deployment of a few EME Dxpeditions, so I have been chasing new DXCC entities, with limited success,

Progress on the beacons continues, 6M on 50,030 has been soak testing from my QTH and the frequency for the 2M version on 144.263 has been approved, so that version is being assembled and will soak test shortly. The hope is to install these at the Clubrooms on the 1st June, after the antennae have been repaired / installed. We will also attempt to finish the outside painting and complete the window installation to the "shack", so if you are free on the 1st, please come and help out.

That's all for this month, keep warm and good luck with your ham radio pursuits.

Best 73

Dave ZL2MQ

## Branch 25 Clubrooms Open Day 1

The first in series of Sunday afternoon Open Days was held at the Branch 25 Clubrooms in Latham Street, Napier, 14 May 2017 at 1330.

Those in attendance were: Mike ZL2VM, Wally ZL2MO, Randall ZL1NW and Revell ZL2SS

The main activity on this day was tuning antennae.

Mike ZL2VM erected his portable fibreglass mast and aerials run up and tuned were as follows:

Mike 80m dipole  
20m dipole  
40m extension to 20m dipole

Wally 40m long wire  
80m long wire  
160m long wire

Randall 80m lightweight dipole

Once completed, time out for coffee and an opportunity for Revell to demonstrate his breadboard projects.

All cleaned up and away by 1530.

Proposed dates for the next BR25 Clubroom Open Day(s) are:

18 June, 16 July, 20 August, 17 September. (I.E. 3rd Sunday) and then we will review.

Activity ideas needed – please forward to Mike ZL2VM [rlb.mbb@xtra.co.nz is BEST].

Volunteers required to Host as well.

73

Mike ZL2VM



### FOR SALE (offers)

an almost complete 100m reel of RG58, 50 ohm, Cellfoil Low Loss coax cable.

spec's here [http://www.rfiwireless.com.au/media/downloads/pdfs/9006\\_LSZH.pdf](http://www.rfiwireless.com.au/media/downloads/pdfs/9006_LSZH.pdf)

Offers to David ZL2DW (hm 8760518)



### A super cool transmitter - maybe ZL2OK's next acquisition???

<https://www.youtube.com/watch?v=neHreW-PNtw>



### An Alternative Phonetic Alphabet

<https://charlesfudgemuffin.blogspot.co.nz/2017/03/an-alternative-phonetic-alphabet.html>

# MODERN SOLID STATE HF AMPLIFIER DESIGN

Building the RS2400 by Rob Shepherd



At the next Br 13/HBARC meeting Rob ZL2AN will talk about the development (smoke and all) and construction of his Solid State HF Linear Amp.

Come along and hear about his exploits. Even the Power Supply is an entertaining story.



## Memories Wanted

Have you a story to tell about growing up in Hawke's Bay?

We would like to hear about your memories or your family's history.

We have volunteers who will interview you and record these memories so they are available to future generations

To record your memories  
Ring 833 5333 between 10am and 3pm weekdays.  
[www.knowledgebank.org.nz](http://www.knowledgebank.org.nz)