

# BREAKOUT

The Newsletter of the Hastings and  
Napier Amateur Radio Clubs

Hastings Branch 13 NZART – Napier Branch 25 NZART

Volume 17, Issue 1 January 2017



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



*The world's fourth largest passenger liner (Ovation of the Seas) came to Napier Port early this month. I bet the com's onboard it would be impressive. Unlike on many previous vessels we never heard anyone on it being "Maritime Mobile". Rob, ZL2US.*

<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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<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 PRESIDENTS TABLE

My my, how Xmas and New Year rush upon us and then suddenly they're all over.....oh well at least it's a good family time and for some, holiday time, but us retired people never get a day off. I hope the Festive Season went well for you all.

Since our last Break Out mag a few official and social things have happened.

- our last General Meeting in November 2016 was also the Branch 13/HBARC AGM (most office bearer positions remained the same) and Homebrew event (with a good number of entries.....home construction is still alive and well).
- we held our annual Branch 13 & 25 Xmas Tea
- the "Summer Wine Bus Trip" was held, always a great day and a lunch out.

From time to time Branch 13 has some random notices to circulate, we have a ZL2AS reflector to serve this purpose, do log into it even if your mission is just to receive these notices (but you can post notes of your own on it, eg. wanted to buy).....it's not very busy so you won't have much incoming traffic from it.....sometimes some information requires immediate action rather than waiting for Break Out to arrive. Contact David ZL2DW for log in information.

While I think of it, our IRLP node (# 6793) is back in service (thanks Ross ZL2WRW). Remember that it can be accessed through '725 repeater and due to '725 being linked to '675 it means that the IRLP coverage is both Hawkes Bay and Taupo areas. Enjoy it.

The next Branch 13/HBARC General Meeting is at the Pakowhai Hall, 7-30pm, Wednesday 25 January.

73, Rob ZL2US (Branch 13/HBARC Hastings, President).



*BR13/HBARC, Hastings, office bearers,  
Peter Keong ZL2PW (Treasurer),  
Rob Leicester ZL2US (President),  
David Walker ZL2DW (Secretary).*

## **NAPIER BRANCH 25**

<b>President:</b> Dave Crook ZL2MQ,	02102969006	email <a href="mailto:davey.crook@gmail.com">davey.crook@gmail.com</a>
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<b>AREC:</b> Mike Bull ZL2VM	843 6052	email <a href="mailto:rlb.mbb@xtra.co.nz">rlb.mbb@xtra.co.nz</a>

### **Committee:**

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<b>Paul Cavanagh</b> ZL2HB,	843 1977	email <a href="mailto:pcavanagh10@vodafone.co.nz">pcavanagh10@vodafone.co.nz</a>

**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**

Well, the last two months seem to have fled, not sure where to. Happy New Year to you all.

Being retired now, I have been able to keep an eye on the 6 metre band and have notched up a healthy number of contacts, largely on JT65A, (50.276Mhz), but also some on SSB with many VK stations as well as a few contacts with FK1TS and 3D2AG. The 6M band seems to open almost every day to some part of New Zealand, Pacific islands and Australia, and is best kept track of on <http://www.vklogger.com>

Your committee met and discussed many items and decided that a few jobs around the Club rooms should be completed, so last Thursday some members gathered to fit the window to the Radio Room, This project went smoothly and now only needs some trims cut and fitted and a paint job. Thanks to those members who attended.

The group also repaired the 40 / 80 metre antenna.

Help will be asked for to complete a final coat of paint on the outside walls, so if you are willing and able, let Wally know, and he can set up a day to complete this task. We are still waiting for a quote for the welding required for the Yagi installation.

The Radio room looks very functional, and now only needs some licensees to use it.

We have a few new initiatives to discuss at the next meeting, so be sure to attend and have a say in your clubs direction.

At the next meeting Errol ZL2IT will also present another interesting talk on his experimental projects, all good stuff.

73 de ZL2MQ Dave



## Branch 13/HBARC Homebrew entrants



ZL2RIC, ZL2DW, ZL2AN, ZL2HM, The winner was Bob ZL2AN with his Solid State, HF Linear Amp



### Rebranding

A 'light bulb' went on while reading the 'District Plan Involvement Matters' by Douglas Birt ZL1BFS in the November/December 2016 Break In.

In summary ZL1BFS wrote:-

" We are **Radio Scientists** as we engage in **Experimental Science** as a **Serious Leisure** activity!

We are **Amateurs** because our **Serious Leisure** activity is done without **pay**, not done without **expertise**."

Possibly to our **Radio Scientist** tag is reflected in the name of our national body NZART? The New Zealand Association of Radio Transmitters. "Radio Transmitters" of course refers to the person doing the transmitting not the equipment between the microphone and the antenna (i.e. the transmitter).

At last we don't have worry about the perennial search for the origins of the word 'HAM' as it doesn't describe us at all.

73, Mike ZL2VM



### Emission tests

The following link provides details of FCC 97.307(e) emissions tests performed on a Baofeng UV5RA, Yaesu FT-1D, Baofeng UV-82HP, and a Tytera MD-380:

<https://imgur.com/a/up2ne>

Two of the four transceivers tested were found to be non-compliant - Beware!  
Ross ZL2WRW

## ITEMS FOR OFFERS

(for Branch 13 funds)

- 3 x Tait T296/11 12v DC, 5 amps continuous power supplies.
- 2 x Tait T348/01 12v DC, 12 amps continuous power supplies.
- 2 x Tait T282 12v DC, 2.5amps, power supplies
- 1 x AWA 2287 12v DC, 9 amps, power supply.
- 2 x instrument boxes
- 1 x box of miscellaneous meters, xtal filters and bits and pieces.

All of the above are up for offers/negotiation and will be available at the 25 January Branch 13 meeting.

See David ZL2DW.



## FOR SALE

### **Yaesu VX2 - VHF and UHF handheld**

I have an Ear/Bone accessory that suits this rig (and the FT 60)

I have a Speaker/Mic accessory that suits this rig (and the FT 60)

### **Yaesu FT 60 – VHF and UHF handheld**

The output of this rig is 5 watts

### **Yaesu FT 8800 – VHF and UHF mobile**

The output of this rig is 50 watts VHF and 35 watts UHF

Contact Mike ZL2VM at [rlb.mbb@xtra.co.nz](mailto:rlb.mbb@xtra.co.nz)



## BR13/HBARC Sub's are due.

A reminder that Br13/HBARC sub's are now due (\$20 or \$30 for a couple). (Some have already been paid, thank you). They can be

- - given to Peter ZL2PW (treasurer)
- - given to David ZL2DW (secretary)
- - posted to Br 13/HBARC, Box 2403 Stortford Lodge, Hastings (4153)
- - banked on line to the Br 13/HBARC account # 03 0642 0733310 00 (PLEASE use your call sign as the reference).

Many thanks, David (ZL2DW, Sec. for Br 13/HBARC, Hastings)

## Mark ZL3AB actual bandplans.

We all know, or should do, the New Zealand ham bandplans. However, we may not know where in the band we can find specific modes of operation. A friend of mine, Mark ZL3AB, compiled an actual bandplan a few years ago and it's still relevant. *Mike ZL2CC*

### 80 METRES

3.500-3.520 CW DX Window simplex or split listen for op's instructions  
3.530 IOTA CW Calling Frequency  
3.559 Hell Schreiber (USB Region 3)  
3.560 QRP CW Calling frequency  
3.570 BPSK31  
3.575 Hell Schreiber (USB)  
3.576 JT65A (USB)  
3.580 RTTY  
3.590 RTTY DX  
3.620-3.640 VK/ZL Digital Window  
3.755 IOTA SSB Calling Frequency  
3.776-3.800 SSB DX Window  
3.710 QRP CW Calling Freq  
3.730-3.740 SSTV (ITU Region 1)  
3.845 SSTV (Region 2)  
3.885 AM Calling Frequency

### 40 Metres

7.000-7.020 CW DX Window simplex or split listen for op's instructions  
7.030 IOTA CW Calling Frequency  
7.030-7.040 Hell Schreiber (USB)  
7.035-7.040 BPSK31 (ITU Regions 1 & 3)  
7.035-7.045 RTTY (ITU Regions 1 & 3)  
7.039 JT65A (USB)  
7.039 Hell Schreiber (USB)  
7.040 RTTY DX  
7.040 QRP Calling freq (Region 2)  
7.070-7.075 BPSK31 (Region 2)  
7.076 JT65A (USB)  
7.080 RTTY (Region 2)  
7.084 Hell Schreiber (USB Region 1)  
7.075-7.100 SSB Calling Simplex or split listen for op's instructions  
7.100-7.200 SSB (Region 1)  
7.125-7.300 SSB (Region 2)  
7.171 SSTV  
7.285 QRP Calling Frequency  
7.290 AM Calling Frequency  
(Note Region 2 & 3 digital freq included as ZL Bandplan allows us to use those modes on both sets of frequencies)

### 30 Metres

10.000-10.010 CW DX Window simplex or split listen for op's instructions  
10.115 IOTA CW Calling Frequency  
10.116 QRP CW Calling Frequency  
10.135-10.145 Hell Schreiber (USB)  
10.139 JT65A (USB)  
10.140 BPSK31  
10.140-10.150 RTTY  
10.147 MFSK16 (USB)

## **20 Metres**

14.000-14.025 CW DX Window simplex or split listen for op's instructions  
14.040 IOTA CW Calling Frequency  
14.060 CW QRP Calling Frequency  
14.070-14.072.5 QPSK31 FSK31 BPSK31  
14.071.5-14.073 PSK63  
14.071-14.075 Hell Schreiber (USB)  
14.073 Hell Schreiber DX Calling (USB)  
14.076 JT65A (USB)  
14.078-14.080 Throb  
14.078-14.082 MFSK16 (USB)  
14.080-14.90 RTTY  
14.090-14.110 Packet  
14.100 NCDXF International Beacon Network (Do not transmit here).  
14.109-14.111 MT63 (USB)  
14.190-14.197 SSB DX Calling Simplex or split listen for op's instructions  
14.230 SSTV  
14.233 SSTV  
14.260 IOTA SSB Calling Frequency  
14.285 SSB QRP Calling Frequency  
14.286 AM Calling Frequency

## **17 Metres**

18.072-18.080 CW DX Window simplex or split listen for op's instructions  
18.090 IOTA CW Calling Frequency  
18.100 BPSK31 (USB)  
18.102 JT65A (USB)  
18.104-18.107 Hell Schreiber (USB)  
18.105 MFSK16 (USB)  
18.110 NCDXF International Beacon Network (Do not transmit here).  
18.128 IOTA SSB Calling Frequency  
18.135-18.145 SSB DX Calling simplex or split. Listen for op's instructions

## **15 Metres**

21.000-21.025 CW DX Window simplex or split listen for op's instructions  
21.040 IOTA CW Calling Frequency  
21.060 QRP CW calling frequency  
21.063-21.070 Hell Schreiber (USB)  
21.063 MFSK16 (USB)  
21.070 BPSK31 (USB)  
21.074 Hell Schreiber (USB)  
21.076 JT65A (USB)  
21.080 BPSK31 (USB)  
21.080 RTTY DX  
21.080-21.110 RTTY  
21.150 NCDXF International Beacon Network (Do not transmit here).  
21.275 -21.297 SSB DX Calling simplex or split listen for op's instructions  
21.340 21.430 SSTV  
21.385 QRP SSB calling frequency  
21.260 IOTA SSB Calling Frequency

## 12 Metres

24.890-24.910 CW DX Window simplex or split listen for op's instructions

24.920 JT65A (USB)

24.920-24.925 BPSK31 (USB)

24.920-24.930 RTTY

24.924 Hell Schreiber (USB)

24.930 NCDXF International Beacon Network (Do not transmit here).

24.935-24.950 SSB DX Calling simplex or split listen for op's instructions

24.950 IOTA SSB Calling Frequency

## 10 Metres

28.000-28.025 CW DX Window simplex or split listen for op's instructions

28.060 QRP CW calling frequency

28.063-28.070 Hell Schreiber (USB)

28.074 Hell Schreiber (USB)

28.076 JT65A (USB)

28.080 RTTY DX

28.080-28.110 RTTY

28.120 BPSK31 (USB)

28.200-28.300 Beacons

28.200 NCDXF International Beacon Network (Do not transmit here).

28.385 QRP SSB Calling Frequency

28.475-28.497 SSB DX Calling simplex or split listen for op's instructions

28.460 IOTA SSB Calling Frequency

28.560 IOTA SSB Calling Frequency

28.675-28.685 SSTV

28.885 6m Liaison Frequency

29.000-29.200 AM Operations

29.300-29.510 Satellite Downlinks

29.520-29.580 Repeater inputs

29.600 FM Simplex Calling Frequency

29.620-29.680 Repeater outputs



### 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)