



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



*LF Transmitter used in Thai cave rescue designed by Ham
Story inside*

<http://www.zl2gt.nz/>

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

Emergency Call-in Frequencies: 3615khz and 670 repeater



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Club Call:	ZL2AS and ZL2QS		

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

Branch 13 President speaks

Giddy guys and girls,

Well here we are October already and I'm still not back at work, it's not from a lack of trying believe me, those that are the powers to be say that I need to behave and do as they say.

I'd just like to wish Tony Gilbert ZL2UAG a big happy birthday for this month as well.

Well it seems that we have a fair idea who is causing the interference on the National System, they are based in Palmerston North but we do have some here as well on our local repeaters. It is being noted each time and in time it will be tracked.

Paul ZL2HB and I went down to the Branch 20 Table Sale on the 6th of October where I meet up with others that I have not seen for some time and others that I see all the time..... same old junk, not a lot to look at but made for a good day out and not too hard on the pocket either.

Good to see that they are spending time doing the Saddle Road up a wee bit.

Peter Moore ZL2HM is over in Norfolk Island at the moment. I have been listening but NO sign of him yet on HF using the call ZL2HM/VK9PM so keep your ears open as you just never know when he will come up and start calling CQDX any ZL call signs.

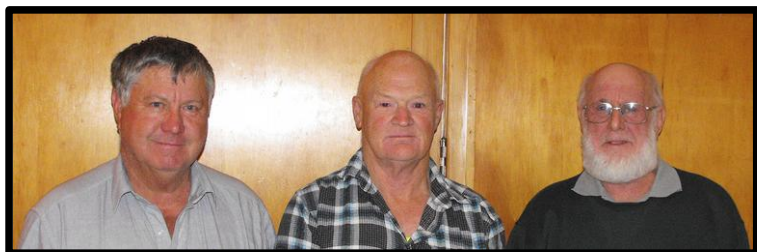
Well I'm happy to say that we have a new member in Jaidyn who you may remember comes to our meetings with Ross ZL2WRW. Jaidyn will be on air soon with a 4 letter call ZL2MRLP so be aware of this and please help him on his way to his 50 contacts.

Well thats it from me and I look forward to seeing some of you down in Waipawa for our next meeting and tea and by the way if you would like to come and don't want to drive there give Dave ZL2DW a call and a ride can be worked out for you.

Cheers, Blue

ZL3TT

President Br 13/HBARC, Hastings



*Branch 13/HBARC, Hastings, office bearers,
Peter Keong ZL2PW (Treasurer),
Blue Smith ZL3TT (President),
David Walker ZL2DW (Secretary).*

NAPIER BRANCH 25

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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

Last month we didn't run the quizz, due to the fact that only 5 people turned up, so if we have time, we will run it at the next meeting (AGM 7/11/18), please attend to support those standing, or intending to stand for office or committee.

Spring is in the air, I hope you are all cleaning up your shacks and finishing projects that you may have started in Winter.

The next regular meeting of the Branch will be the the AGM of Branch 25, Please all attend to support those that are standing for office, if you would like to contribute by putting yourself forward for office or committee, please come forward and make yourself known. Meeting is the first Wednesday in November at 7:30pm (7/11/2018).

The Committee is looking for another club project, probably one that we can all complete. Mike ZL2VM has suggested a 2 metre and 70cm combined horizontal antenna, to encourage the use of the "low end " of those bands, maybe even a net, like the one run in the Wellington area. Maybe you have a better idea, bring it to the next meeting for discussion.

On a personal Amateur Radio Front, I have been pleased to see some Dxpeditions set out for far flung places, operating on EME. I have managed a few more DXCC locations in this month, I continue my meteor scatter contacts with Chris ZL7DX on the Chathams on Saturday and Sunday mornings, anyone can join in, so if you have WSJT on your rig and it does 2 metres, you could monitor 144.360 and see what you can hear. ZL7 is a dxcc location so have a go, probably 5 elements and 50 watts will do the job.

In breaking news the annual Es and other propagation modes appears to have started with some good openings over Labour weekend on both 2M and 6M.

That's all for this month, please attend the AGM, and good luck with your ham radio pursuits.

Best 73
Dave ZL2MQ

CHB visit

The next meeting of Branch 13/HBARC is to be held at Waipawa on 24 October at 6pm, it will be a "Meal and Meeting" on the patch of our CHB members. All welcome including family members and visitors.

The venue will be "Skinny Mulligan's" off the northern parking area behind the High St shops.

There are usually car pools operating for those who may like a ride (for a petrol contribution).

NOTE there will be NO meeting in Oct. at the Pakowhai Hall.

David (ZL2DW (Secretary for Branch 13/HBARC).



Ham radio technology used in Thailand cave rescue.

Created on Friday, 13 July 2018



UK radio amateur **John Hey G3TDZ** (SK) designed the special low frequency radio equipment, the **Heyphone**, used in the recent cave rescue in Thailand

On Facebook **Phil Karn KA9Q** posted:

Naturally I got interested in the technical aspects of the cave rescue in Thailand, particularly communications.

They used the "Heyphone", a voice radio designed by a UK radio ham, John Hey, G3TDZ, as open-source hardware specifically for cave rescues. It uses upper (single) sideband voice on 87 kilohertz in the VLF (very low frequency) band. (That's what it says – 87 kHz is actually LF).

The "antenna" consists of two stakes driven into the ground about 20m apart. Enough of the current between them fringes outward to couple to another antenna up to a few hundred meters away (or down).

John Hey passed away in 2016 so he didn't get to see his work used here. But ham radio should get some of the credit.

Phil Karn KA9Q

<https://facebook.com/phil.karn.98/posts/10155276627256486>

<https://twitter.com/ka9q>

John Hey G3TDZ Heyphone Cave Rescue Communication System <http://bcra.org.uk/creg/heyphone/>

Al Williams WD5GNR has written an article on Hackaday about the cave equipment <https://hackaday.com/2018/07/11/ham-designed-gear-used-in-thailand-cave-rescue/>

<http://www.southgatearc.org/news/2018/july/ham-radio-technology-used-in-thailand-cave-rescue.htm>

Remote HF SDR for HB.....

Have a surf around this site (sound up) and enjoy HF radio (Rx only), (man made) noise free via your home computer.

<http://kiwisdr.northlandradio.nz:8073/>

Locally there are thoughts about establishing one here in HB. The subject will be raised at our next two Branch 13/HBARC meetings.

We are looking for a sponsor for an internet connection for the equipment though there will be some costs involved to Branch 13.



A new Ham

Branch 13 is pleased to announce that young Jaidyn passed his AOC during the recent Palmerston North "Ham Cram" weekend, his call sign is ZL2MRLP (yes a four letter call sign). Welcome Jaidyn we look forward to helping you achieve the initial 50 contacts you require.

Jaidyn WANTS TO BUY a Dual band rig (2m/70cm) (he is a student so doesn't want to pay an "arm and a leg").

Please contact him via jaidynboss@gmail.com or text him on 020 41392708 if you can help.



Dates for the future

- Branch 13/25 Xmas Tea, 30 November 2018, Napier RSA, 6pm, numbers attending to David ZL2DW please.
- Summer Wine bus trip (Hastings to Napier and return after lunch at the Napier RSA), 8 December 2018.
Get the #12 Bus that departs from Hastings (Library area) at 10am..... or climb on board anywhere along the route.
- Planned (for one weekend in Nov.) but not confirmed, a trip to Reporoa to visit the Marine HF Receive site and ELB Satellite site.
Lunch to follow at a local Reporoa Cafe.
- 28 November Branch 13/HBARC AGM and Homebrew Competition. 7-30pm, Pakowhai Hall. (Get going on those projects to bring them along).
- No Branch 13/HBARC meeting in December (the next one will be on 23 January 2019)