

# HAMLARKS

Christchurch Amateur Radio Club



April 2016

**Branch 05 Club re-occurring events**

**MAIN BRANCH MEETING** First Wednesday of the month 7.30pm, except January. *All visitors welcome.* At 5 Idris Road, Fendalton.  
Branch 05 Website [www.chchhamradio.org.nz](http://www.chchhamradio.org.nz)

**ACTIVITIES and STUDY NIGHT** Every Tuesday 7:30pm at 5 Idris Road, Fendalton. *All visitors welcome.*

**DAYTIME MEETING** (Branch05)

Meet third Thursday of month, 1PM at Branch05 clubrooms.  
*All visitors welcome.*

**COMMITTEE MEETING** 1st Monday after branch meeting 7.30pm  
At 5 Idris Road, Fendalton

**AREC MEETINGS** Normally the 2<sup>nd</sup> Wednesday of the month  
7.30pm. At 5 Idris Road, Fendalton

**DEADLINE FOR HAMLARKS COPY** 11 days before the main branch meeting.

**WEEKLY CLUB VHF NET** Every Sunday 8:00 PM on 145.625MHz repeater if available, otherwise 147.050MHz repeater.

**OFFICIAL NZART BROADCAST** Last Sunday of the month 8:00 PM on 147.050MHz repeater.

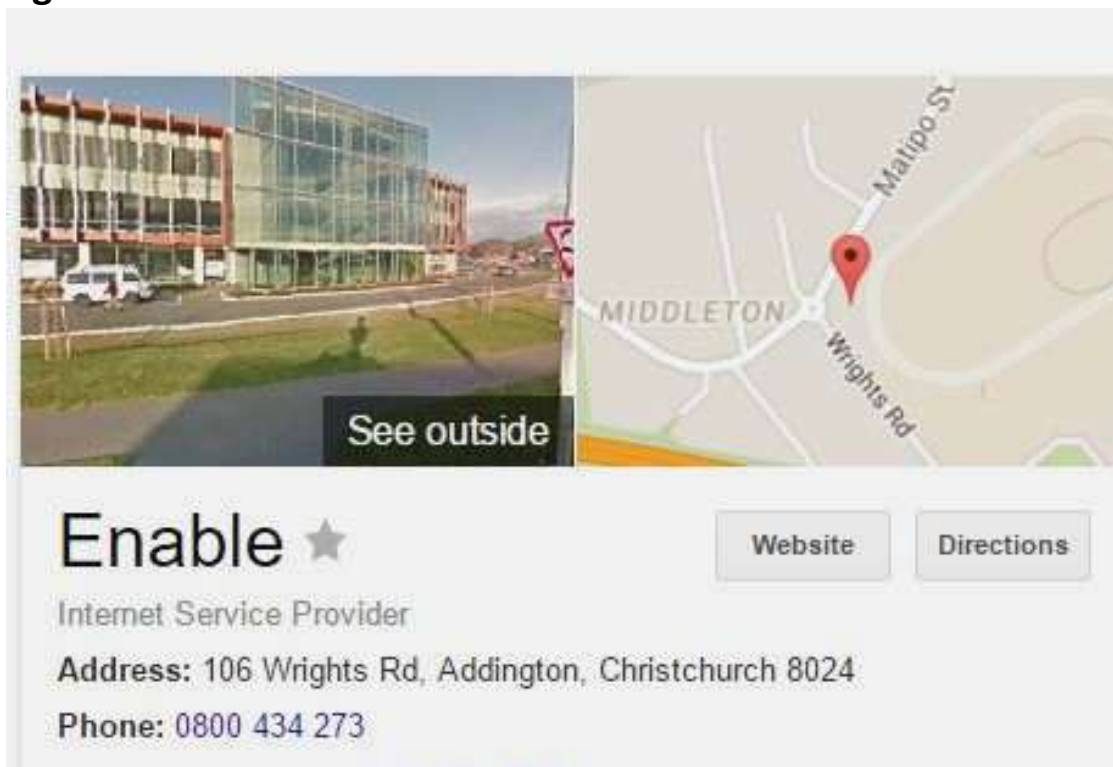
**CW PRACTICE**

Boyd ZL3LE every Tuesday at 8pm. 3550 kHz. Listen in your shack or come along to Branch 05 clubrooms.

**Programme for next branch meeting**

Richard Lake of Enable Networks has offered us a site visit for the April meeting. Starting at their head office in Wrights Road, with a presentation and update on UFB progress in CHCH, and then to their Riccarton node/exchange in 40 Whiteleigh Ave. We will first have a club meeting at their office.

**Figure 1 Location of Enable Networks**



# Payment Due. Special for 2016

## Chch Branch 05 Subscription for 2016

Call \_\_\_\_\_ Name \_\_\_\_\_

Single Membership

\$20 if paid by 30<sup>th</sup> April

\$30 if paid after 30<sup>th</sup> April 2016

Family Membership

\$25 if paid by 30<sup>th</sup> April

\$35 if paid after 30<sup>th</sup> April 2016

Junior Membership if still at school \$ free.

***Our Club Bank Account number is: 030826 0145249 00***

If you pay by internet banking, please make sure that you use your ***Call Sign*** as the transaction ***reference number*** so that our treasurer can identify you.

If you are posting your Subscription, please send to:

**Christchurch Amateur Radio Club  
P.O.Box 1733,  
Christchurch.**

**Secretary Rory's Ramblings - ZL3HB**

Well – some progress at clubrooms. Power lines have been undergrounded which tidies the look up a bit – or will do once we remove the inlet boxes from the fascia.

Brand new meter box with an outside power outlet beneath for the garage builders and outside use.

The gate post against the fence concreted in & the light pole base from Galbraith Ave sitting in it's hole. And we missed the new power cables!! Still needs to go a bit deeper & then be rammed/concreted in.

Back wall has been water blasted & a sealing coat put on it. Cherry picker didn't quite get back far enough due to a tree root but it sure helped with what we could reach.

Gutters cleaned & leaf protectors fitted so ready for autumn/winter.

We now have heat pumps installed & working. They do Aircon too but that really sucks the power so hopefully you will consider that when using them. Our power bill is currently running at around \$120 per month so we need to watch this! Monthly power usage is now on the website so you can go watch it - quite interesting! \$\$\$ figures are only for power usage & daily charge is on top of that!

Radio shelving has been installed in the shack which looks good. Just need to install some wiring. Hopefully we can rotate boat anchors from the museum through to give them a bit of use?

Mark has been on a mission to clear out the attic so we are trying to get rid of the old chairs there. Sold a few but buyers not exactly rushing to pick them up. Will keep at it.

NZART Conference will be here soon so hopefully we will get some goodies from our members for the raffles. Time to register at [www.hamradio.co.nz](http://www.hamradio.co.nz)

Remember at last meeting we asked for some items for a pamperpack. Also we want to present the forum presenters with a bottle of wine so it would be good if we could get a few bottles plus some pack goodies like food/wine/nibbles from members to save having to buy them for the packs. There are a couple of meetings before Conference so we can collect some stuff. Also a few bits for the radio pack – like RF P&S, patch leads, aerial bits or whatever you think might be useful. Not old secondhand stuff please!

You will see at the back of the clubrooms some 100 x 100 mm oregon poles. These have been donated from the University so if you need an aerial pole consider these with a donation to the club. I reckon a quick run down with a skilsaw would put a nice taper on them for an aerial mast. There may be more to come if you need a forest of aerials!!

Last Tuesday night I counted 26 heads so the meet & greet popularity abounds. A great atmosphere so come on down & join us.

There might also be some interesting stuff turning up from a number of sources so keep your ears to the ground.

Off to Enable for an away meeting this month so see you there.

Lastly – this is the last month for subs at \$20. Only about half of you have paid so if you haven't yet PLEASE go & do it now so we don't have to chase people. We got up to around 115 members last year so don't want to slip back. At only \$20 you won't get a deal like that at any other club I know of!!

Rory ZL3HB

### Hammarks editor on the mic – ZL3KB

The HamCram team had a great get together the other day, which doubled as a practice session to hone our teaching skills. I found it very worthwhile, and realised I need more practice before the day.



On the weekend of 23rd/24th April 2016.

For registration please contact

Rory Deans ZL3HB on 03 3446292 or rory1@xtra.co.nz or

Mike Duncan ZL3MWD on 03 3384942 or mikedun@xtra.co.nz

**Daytime meeting ZL3TAO**

Tony ZL3HAM brought along the "K1N Nevassa Dx-pedition" DVD. It was very well filmed and high quality.

**Follow up after Jack Copelands presentation last month ZL2ROB.**

In the course of the Professor Jack Copeland lecture last evening, I mentioned that members can, WITH NO CHARGES whatever, take a very active part in decrypting the remaining German Enigma code messages by using online distributed processing on their home PC or laptops. It is very simple and usable technology.

None of us will need an IQ much bigger than our shoe size to participate and NO maths or theory is involved or required by the participants.

It is all done by an international online project where many thousands, even millions, of home laptops, PC's and business computers, not currently active or in immediate use at any time, can silently contribute some of their PC's unused processing time to the project. They are all linked together online to one central coordinating point which assigns very small



parts of the total task to a person's home PC or laptop and that crunches quietly away at the numbers to improve resolution and decrypting. The project uses the same computer linking power as for the SETI (Search for Extra Terrestrial Intelligence) program. Some medical and physics research is being conducted the same way.

Here is the URL or web site for the project.

[https://boinc.berkeley.edu/dev/forum\\_thread.php?id=5719](https://boinc.berkeley.edu/dev/forum_thread.php?id=5719)

I hope it might be informative to members.

Best 73's de Bob ZL2ROB.

**Update from Fred Kennedy on KiwiSAT**

We received this around Christmas time, but I this is the first opportunity I have had to include it in Hamlarks. Ed (Who is this “Ed”?)

Hi Guys, Wishing you all a great Christmas and a Very Happy New Year..

As many of you know 2015 has not been a very good year from a personal health perspective but I can assure all that the KiwiSAT Project is far from dead and the desire to put New Zealand on the map with an ‘all NZ’ satellite to its credit is as strong as ever. The bird is well into its third year of operating round the clock from its controlled environment at Ian’s QTH in Papakura . The transponder and the essential elements of the ADAC system are checked out daily from my station in Whangaparaoa and the results are always 100%.

(Our thanks to Ian (ZL1AOX) for the site and in particular to XYL Margaret for her tolerance in accepting it’s not inconsiderable presence in her lounge!)



Volunteer Tim Huffam along with Terry (ZL2BAC) - with Ian and myself in support - are actively working on a basic measurement system for the science package using the readily available (and cheap!) USB Port SDR dongles. With these, the intended experimental purpose of the bird – to assist with the design of P Band radar global warming measurement tools – can be realized using the global network of listening and reporting stations currently monitoring the UK satellite “FunCUBE”.

Whilst it's been a long established objective its fortuitous that the topic as a 'hot' now as it's ever been and KiwiSAT could be seen as a very useful enhancement to our National support of the recent Paris Climate Agreement. All valuable stuff in our ongoing efforts to secure a launch. Every little helps.

Thanks to all and, as better health returns, I look forward to working with you all in 2016. And, with the help and advice of the KiwiSpace Foundation, to getting the necessary support to fly KiwiSAT.

Very best wishes and fingers crossed for a happy and healthy New Year for us all,

Fred

### \$\$ Hamads \$\$

**For sale** FT101's x3, Kenwood t&r 599s matching tx and rx, Dentron GLA1000 amp, FL2000B amp.

Prices on application and I appreciate PICK UP.

Roly ZL4AU <[roly\\_zl4au@hotmail.com](mailto:roly_zl4au@hotmail.com)>

**Wanted.** If anybody wants to sell his/her Kenwood TS700 transceiver I am interested to buy.

Kindly regards Jean , Behiels jean-Pierre [on4aef@telenet.be](mailto:on4aef@telenet.be)

**Wanted** - a mike insert for a Sure high impedance microphone. Nos CR or CM 99 ABCD 9986 1000 ohms plus. For bullet type JT30 microphone. Please contact Bill Wallace in Golden Bay. 03 5258863

**Wanted** - A member is looking for FT-101 power plugs. Boyd Guard ZL3LE 3143771

**FOR SALE** – Kenwood R-2000 communications receiver with VHF converter module. No-one wanted it at \$200 on Trademe so offered here to members at \$150.

From the garage clearout of stuff at club.

See Rory ZL3HB 3446292. [rory1@xtra.co.nz](mailto:rory1@xtra.co.nz)

**Wanted** - the club is wanting some fine stranded steel wire for pole guys if anyone has some spare. As fine as possible so inconspicuous.



See Rory ZL3HB 3446292. [rory1@xtra.co.nz]

**For Sale** - Agilent E4403B spec an (9kHz-3GHz with inbuilt tracking gen), in full working order with mains lead, full manuals and some accessories. Cost me \$9k a few years ago, looking for \$6k.

Also - Anritsu MG3670B (300kHz-2.25GHz) digital mod sig gen, with mains lead, manual, etc. Seems to have developed a dodgy attenuator recently (RF output level varies unreliably), although it does periodically decide to output a stable/correct level and I'm thinking it's probably fixable. Open to three-figure offers as-is.

Please direct your offers to Kevin ZL3KE (03) 337 0238

**For Sale** – Branch05 is disposing of a large quantity of ex scout group chairs stored in the attic. Offers to Rory ZL3HB, rory1@xtra.co.nz

### Sangster Shield

Can anyone help with the whereabouts of the Sangster Shield; although the contest is run every year, we no longer know what has happened to the original Shield. If any of you could help with information of where the Shield may be, that would be most appreciated.

Contact NZART HQ [nzart.hq@clear.net.nz](mailto:nzart.hq@clear.net.nz)

**Minutes of the Branch 05 meeting**

Christchurch Amateur Radio Club meeting 2nd March 2016

**Apologies** ZL3MJS, ZL3BAW, moved to accept by Ian ZL3TAO.  
Carried.

Minutes of Feb meeting moved to accept by Rob ZL3RX, seconded Keith ZL3AHL. Carried.

**Correspondence** Lion foundation grant. D-start form 10. Durasteel price.

**Reports** ARECSAREX planning under way. Will redo Pete Crowther search at Mt White. DMR now at Gondola site. Internet connectivity failed at present. Easter horse endurance event under planning.

**Repeaters** All going OK  
New set of filters for Herbert checked.  
D-star from 10 questions answered.

**QSL Bureau** 1 lot of cards in. Will be a gap until next lot.

**Tuesday night** Busy with up to 25 attending. Getting about 1 new member a week at present. Made up an 80m dipole for a member.

**Band report** 80 – 40m variable as was Field Day.  
20m open at times.

**Daytime meeting** a talk by Dave ZL3FJ on heliostat solar array furnace for power generation.

**General Business** Garage – have received a price from Durasteel. John ZL3ADZ moved “that we accept the Durasteel price in principle” seconded Ken ZL3EC. Carried.

Rory ZL3HB moved “that the club apply to Mainland Foundation for a grant of \$3960 for alternative programme funding for Conference”, seconded by Rob ZL3RX. Carried.

D-star repeater – need a resolution so Rory ZL3HB moved “ that the club establish a D-star repeater” seconded David ZL2IC. Carried.

Phillipines repeater -all done awaiting collection.

Guthrie garage clearout brought \$183.96 in to club funds.

Ian ZL3TAO asked members to bring some items for goodies & pamperpack for a raffle at Conference.

Meeting closed at 8.03 PM

Jack Copeland then gave us a very interesting talk on Bletchley Park, Turing, Tunny & all that!! A very well received talk with 47 members present.

**Christchurch Amateur Radio Club**Committee for 2016 email: [rory1@xtra.co.nz](mailto:rory1@xtra.co.nz)

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		29 Seymour St, Hornby, Chch 8042 Email: <a href="mailto:rory1@xtra.co.nz">rory1@xtra.co.nz</a>		
<b>Treasurer:</b>	Richard Prattley	ZL3UE 325 2685		027 226 2205
		42 Ryelands Dr, Lincoln, Email: <a href="mailto:zl3ue@snap.net.nz">zl3ue@snap.net.nz</a>		
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	Brian Ramage	ZL2BAT 385 4428		027 630 6706
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<b>AREC</b>	Richard Smart	ZL4FZ 385 8355	3728603	021 443 086
		Email: <a href="mailto:rsmart@netaccess.co.nz">rsmart@netaccess.co.nz</a> 0275085718		

**Repeater Trustees:** Rob Thirkettle ZL3RX 3483815 Gareth Bradshaw ZL3VP 3322406 Mike Barnes ZL3TMB 03 3133321

**Auditor:** Community auditors/reviewers

**Hamlarks:** Kelvin Barnsdale ZL3KB Hm 3238377 Cell 021 02904020 Email: [kb.ew@xtra.co.nz](mailto:kb.ew@xtra.co.nz)

**Clubrooms** 5 Idris Rd, Fendalton **Mail to** PO Box 1733 Christchurch

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