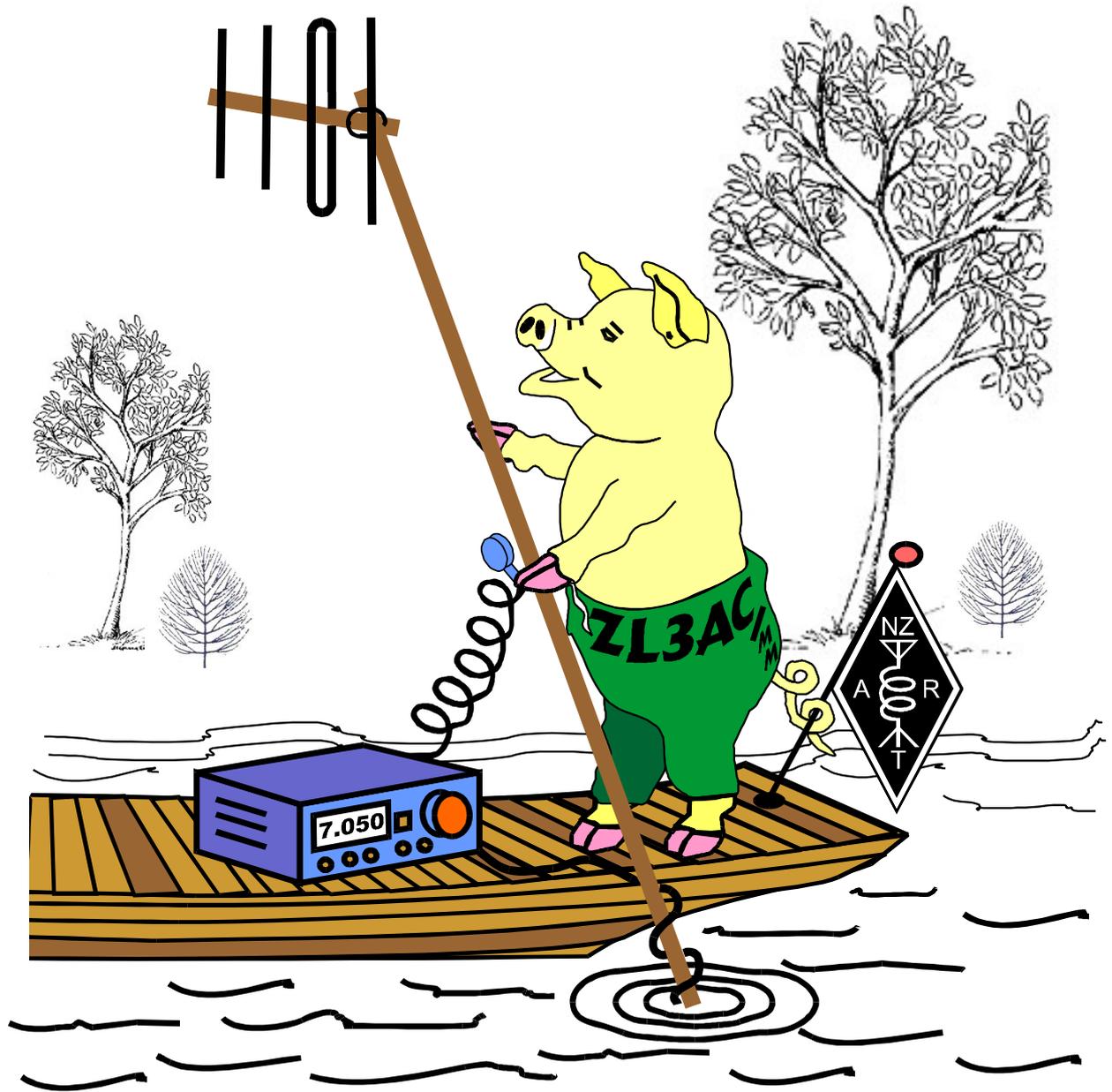


# HAMLARKS

Christchurch Amateur Radio Club



June 2013

**Branch 05 Club re-occurring events**

**MAIN BRANCH MEETING** First Wednesday of the month 7.30pm, except January. *All visitors welcome* 27 Galbraith Avenue, Avonside.

**ACTIVITIES and STUDY NIGHT** Every Tuesday 7:30pm at the clubrooms. *All visitors welcome* 27 Galbraith Avenue, Avonside.

**COMMITTEE MEETING** 1st Monday after branch meeting 7.30pm

**AREC MEETINGS** Normally the 2<sup>nd</sup> Wednesday of the month 7.30pm.

**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.

**NEW ZEALAND YOUNG AMATEURS CLUB NET (Branch05)**

Meet every Tuesday night at Branch05.

Branch 05 Website [www.chchhamradio.org.nz](http://www.chchhamradio.org.nz)

**Presentation for June branch meeting**

Presenter Grant Wheaton

Subject – Grant will be giving a presentation on licences, interference and other RSM subjects, with some question time at the end.

### Hammarks editor on the key - ZL3KB

Greetings all. These seem to be very busy times at the moment, and my weekends are becoming just a logistics exercise of taking teenagers to various functions. I managed to get on the HF radio a couple of time last month, and worked some CW into Europe. I know we all have our different interests in this hobby, but I am glad "my ham radio" is coming back with the sun spots. Des – isn't it time we got the green radios out?

Thanks Kelvin

### Rory's ramblings - ZL3HB

Richard ZL3UE has added a spot on our website for gear for sale to raise club funds. There is a USB satellite TV receiver so you can watch TV on your computer. These have been generously donated by Satmax. We have used these both on XP & Windows 7.

Also some SS whips with bases. Limited number so be in if you want one. These are the nice tapered SS whips at 1200mm long so you cut & tune to whatever your frequency.

**Clubrooms** - we continue the search!! Went for pricing on plans C & D and it came in around \$475K + GST plus land plus groundwork so commercial tilt slab etc seems out of the question.

Then went to Titan for tin shed type & a bare shell fully erected is around \$143K so now we are talking. If we allow to double that for fit out it is still do-able. When done in coloursteel with trims it looks quite smart. On top of that is land cost plus groundworks & the latter could be a bit scary. Particularly if council require all paved & landscaped etc as seems to be the norm these days.

So the hunt goes on for land. Residential is cheaper but clubrooms are not an 'as of right' use so would have to get resource consent & you all know where that leads us. Seems we are being backed into a commercial land corner a bit which costs more per sq meter.

We still need plastic bags & newspapers or bubble wrap for packing. If you have either please leave at clubrooms. There will be some working bees coming up in July at some stage so will let you know in July Hammarks. The sort out has started by the Tuesday night group. Please take stuff from the trading table at rear & magazines from beside fire door to lessen the stuff. Hopefully with a small donation into the box.

Three committee members attended a CERA meeting last week. Possibility of an extension arose so you need to discuss the options at Junes meeting. I won't be there as off to Conference & beyond so hopefully someone will take notes for me. Cheers all, Rory ZL3HB

### Mid winter dinner 2013

The committee has decided to arrange a "mid winter dinner come commiseration feed" at Sequoia 88 on Saturday 13th July. All welcome with partners plus any other clubs that care to join us. Start time 5.30pm to 7.30pm as they have two sittings. Cost around the \$26 mark depending on seniors etc. Please let Branch05 committee members know if you intend to come so we can get some idea of numbers.

### Subs reminder

Those of you who have recently received a sub reminder by email and have paid –thank you. Those who haven't we hope you will by 30th May when late subs go up to \$52 after that!!!!

## Payment Due - Reminder

### NZART Branch 05 Subscription for 2013

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

Single Membership

\$42 if paid by 30<sup>th</sup> April

\$52 if paid after 30<sup>th</sup> April 2013

Family Membership

\$52 if paid by 30<sup>th</sup> April

Junior \$15

\$62 if paid after 30<sup>th</sup> April 2013

***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.**

**Radiotek May 2013 ZL3KB**

Another RadioTek “under the belt” of Branch05, and probably a record number of participants. The number of signed up applicants was looking a bit thin a few weeks ago, but a quick tour around the intermediate schools stirred up a large interest, and we now have August full already and November is starting to get busy. When it comes to advertising, its face to face contacts that really work! One school has asked us to take a special session of RadioTek to them, so we are looking at that.

This time we had eighteen participants, five were first timers, and we had a sprinkling of dads too. The other notable difference this time were the students coming back for a fifth time, they refuse to stay away! All went very well, even though we were rushing around trying to keep them all on track with their projects.

This will probably be the last radioTek held at Galbraith Avenue (thank goodness, I can hear some parents say), so we have to start working on finding another room/hall. Interestingly we had a few parents ask if we could move north as many of the young families have moved up to Kaiapoi and Rangiora. By coincidence, Don from Branch 68 came to see us this time to see how we do it! This is your cue Don, go to it!

Congratulations to the Radiotek team Rory 3HB, Brian 2BAT, Aidan 3APB, Graham 3NK, Rod 3NW, Rod 3ROD , Graham 3GSL, Ken 3KD and Kelvin 3KB. Thanks, from the future engineers who all took projects home working, and very few soldering iron burns.



### New clubrooms update

- We have received some quotes from Totalspan for pre-fab buildings.
- Council regulations may make it very difficult for us to use a dwelling property as a club room, and permission to erect antennas may be difficult.
- CERA are looking at negotiating further extensions with Red Zone owners who have trouble moving.

### New Ham and member to Branch 05

We congratulate Matt Pannell on passing his amateur exam on 9th April at Branch05. He has been “going to take it” for many years, so we finally snared him. Matt is a very keen radio constructor, working with radio systems in the Physics department at Canterbury University. He has come along to several Tuesday night sessions since getting his ticket, is experimenting with SDR and has even sampled a little contesting! There was another item of note on that Tuesday night – there seemed to be a record number of members there, I counted 12.



### Young Hams of Branch05 – update

New hams Mathew Bouma and Armand Combrink have been donated VHF radios from the club members, and are working at their first fifty contacts.

Damien Nuth is working hard at getting his ticket, and he should be sitting the exam in early June. Now we have to work on his Dad Phil.

*A reminder, we can only donate these radios if we have donations from members. If you have an old handheld or mobile radio doing nothing, we can polish it up and get it into use as a first radio for the young hams. Our system requires them to make 50 contacts in three months or we get the radio back. Have a dig in the man cave? Thanks Kelvin ZL3KB*

## Hamads

**Wanted** Full time employment wanted, preferably electronics industry. If you can help, please contact Jonathan Dean MacKenzie, ZL3JDM, using the telephone number 3847325.

jonathandeanmackenzie@windowslive.com

**Wanted** Any Denco coils for transistor radio designs. Also Practical Electronics edition April 1969. Call Kelvin ZL3KB 323 8377

kb.ew@xtra.co.nz

**For Sale** Surplus radio gear for sale For genuine hams only please...

KENWOOD TWINS T & R 599s	good order	\$300
"" ""	speaker SP31	\$30
"" ""	desk mike	\$50
"" ""	AT 130 ATU	\$50
YAESU FRG 7 Rcvr	good order	\$100
FT101B	transformer crook and valves gone	
suitable parts only		\$50
matching speaker		\$20
HAM model power/swr meter		\$20
OSKER BLOCK power/swr meter		\$30
YC601 digital display		\$30

Anyone interested please contact Roly via email thanks

roly\_zl4au@hotmail.com

Roly ZL4AU

**Free (almost)!** I have for disposal several years' issues of the following amateur radio magazines:

*RSGB's RadCom; 11 issues per year 2001- 2009*

*WIA's Amateur Radio; 10 issues per year 2004-2009*

*ARRL's QST; 2010 - 2011*

No charge but a donation of say \$5 per year's issues to NZART funds would be appreciated.

Thanks John Walker ZL3IB Breakin Editor

Phone 3489 084 or <[john.zl3ib@ihug.co.nz](mailto:john.zl3ib@ihug.co.nz)>

**Boston Marathon and Ham Radio – ARRL website**

As has happened many times in years past, over 200 Amateur Radio operators participated in communications for the Boston Marathon on Monday, April 15, 2013. Unlike prior challenging situations such as very warm weather for the runners or other weather-related challenges, this year's marathon will be remembered for the bombings that took place at the finish line. Despite this heinous act, professional first responders, medical volunteers from the American Red Cross that staffed the route, and Amateur Radio operators performed magnificently in the face of adversity.

“Within minutes, cell phone systems became overloaded and making phone calls and text messages was difficult. Amateur Radio operators performed communication duties under duress and performed admirably. No Amateur Radio volunteers were injured on the course in this terrible act,” said Steve Schwarm, W3EVE, who is the Amateur Radio Course Communication Coordinator and associated with a consortium of clubs and groups known as Marathon Amateur Radio Communications ([MARC](#)).

“At the finish line net control, which was only 400 feet from the initial blast, we heard the explosion. I poked my head outside to confirm what I thought it was and saw the white smoke. We immediately knew what had happened and commenced a roll call of all ham operators and medical tents. State Police authorities initially ordered us to lock down and post a ham for security watch outside the net control trailer. Thankfully none of our people were hurt,” said Paul Topolski, W1SEX, Amateur Radio Finish Line Coordinator.

Following the explosion and roll call, Topolski stated that they began pulling together updates and sent the information via the Massachusetts Emergency Management Agency (MEMA) Web-EOC software tool and provided updates via Amateur Radio. Shortly after sending a few updates both Boston Police and Massachusetts State Police gave the order for the tent area to be evacuated. “In my mind, the course end of things is where a lot of work needed to happen as runners eventually needed to be stopped, congregated and transported to safety and staging areas,” Topolski said. “At the finish line, our job was to check on the safety of our people, provide those initial updates and evacuate per police instructions. Three of our Amateur Radio operators redeployed to the Boston Marathon Course Net Control Center.”

Across the course outside of the finish line after the bombings occurred, first aid stations were consolidated to larger first aid stations to pool runners for pickup and to keep runners warm as there were enhanced tents along the route where

runners could be kept warm and hydrated. At the Heartbreak Hill first aid station, amateur operators had a complete base station setup, including a computer, and were prepared to handle health and welfare traffic as required. Several shelters were set up along the route at churches and schools, and Amateur Radio operators from secured first aid stations went to those shelters, providing communications in those areas until runners were moved out of their locations.

“My role at the request of Steve, W3EVE, as event organizer before the race was to shadow the course medical tent coordinator for the Red Cross, Kandi Finch,” said Rob Macedo, KD1CY, who is also the Eastern Massachusetts ARES Section Emergency Coordinator. “It was a challenging position but all organizers on both the Amateur Radio side and Red Cross side said things went well in coordinating during normal race conditions and particularly after the bombings.”

Read more at

[www.arrl.org/news/radio-amateurs-provide-communication-support-in-boston-marathon-bombings-updated](http://www.arrl.org/news/radio-amateurs-provide-communication-support-in-boston-marathon-bombings-updated)

## TEST - Could YOU pass the amateur radio exam?

**14. As temperature increases, the resistance of a metallic conductor:** a. increases

**3. SSB transmissions:** c. occupy about half the bandwidth of AM transmissions

### New questions

**4. A repeater operating with a "positive 600 kHz split":**

a. listens on a frequency 600 kHz higher than its designated frequency

b. transmits on a frequency 600 kHz higher than its designated frequency

c. transmits simultaneously on its designated frequency and one 600 kHz higher

d. uses positive modulation with a bandwidth of 600 kHz

**22. If you transmit from another amateur's station, the person responsible for its proper operation is:**

a. both of you

b. the other amateur (the station's owner)

c. you, the operator

d. the station owner, unless the station records show that you were the operator at the time

*Answers next month.*

## Minutes of previous club meeting

### Christchurch Amateur Radio Club meeting 1<sup>st</sup> May 2013

**Apologies** ZL3VP, ZL2IC. Moved to accept by Ian ZL3TAO. Carried.

**Minutes** of April meeting moved to accept by Rory ZL3HB, seconded by Rob ZL3RX. Carried.

**Correspondence** QTC-56, Ragchew.

**Reports** **AREC** Jetboating cancelled due to lack of numbers.  
Next AREC meeting at CCC building.

**Repeaters** 705 still some interference.

National System all OK

Still need to try Mt Herbert before winter.

**QSL Bureau** 2 lots cards in

**Tuesday night** All quiet. One pupil at present.

**Band Report** Rob ZL3RX has had good contacts on 10m

Andrew ZL3CC says Africa good early evening.

Some late 6m openings to USA. Need a permit to use newly cleared 50MHz band at present.

#### **General Business**

Masonic Lodge on Cashmere Hills looked at as clubrooms but agent wouldn't talk to us!!

Don ZL3SX has a computer table spare if anyone wants it.

Need to start thinking about clearout of clubrooms. Trevor ZL3ADZ suggested all books be put in plastic bags before boxing. Any spare bags from members welcome.

Mid year July meal discussed. Feeling was to go to Shirley lodge.

This years one remit to Conference was discussed. Was felt there was not much point to it. Rob ZL3RX moved 'that the remit be put to a vote' seconded Andrew ZL3CC. Remit lost.

Rob ZL3RX moved 'that Mike ZL3TMB and Rory ZL3HB be club delegates to Conference' seconded by Graham ZL3??. Carried.

Rob ZL3RX also moved 'that delegates be given power of discretion' seconded Richard ZL3UE. Carried.

Voting Nos – 20 NZART members present. None for the remit, 20 against the remit. No abstenseins.

**Meeting closed at 8.35 pm.**

Zane Gilmore then gave an interesting presentation on 'Open source software' describing how it all came about and the various differences.

**Christchurch Amateur Radio Club****Committee for 2013**email: [rory1@xtra.co.nz](mailto:rory1@xtra.co.nz)

		<b>Ph home</b>	<b>Ph work</b>	<b>Cell phone</b>
<b>President:</b>	David Holland	ZL2IC	960 0833	9644686 021 222 0849
		7 Parklands Dr, Huntsbury Email: <a href="mailto:holland.d@clear.net.nz">holland.d@clear.net.nz</a>		
<b>V President:</b>	Ian MacPherson	ZL3TAO	3518485	021 048 0298
		10 Rhyl Pl, Bryndwr, Chch Email: <a href="mailto:ian@macpherson.gen.nz">ian@macpherson.gen.nz</a>		
<b>Secretary:</b>	Rory Deans	ZL3HB	3446292	021 131 4599
		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
		Ellesmere Road, RD 2, Christchurch Email: <a href="mailto:richard.prattley@xtra.co.nz">richard.prattley@xtra.co.nz</a>		
<b>Committee:</b>	Rob Thirkettle	ZL3RX	348 3815 3642510	
		622 Old West Coast Rd, RD1, Christchurch Email: <a href="mailto:rob.thirkettle@canterbury.ac.nz">rob.thirkettle@canterbury.ac.nz</a>		
	Barry Waters	ZL3BMW	332 2662 332 2642	021 156 5340
		81b Eastern Tce, Beckenham, Christchurch, 8023 Email: <a href="mailto:j.bmtwaters@xtra.co.nz">j.bmtwaters@xtra.co.nz</a>		
	Brian Ramage	ZL2BAT	385 4428	027 630 6706
		28 Wilmington Place, Fairway Park, Christchurch 8061 Email: <a href="mailto:ramz@ihug.co.nz">ramz@ihug.co.nz</a>		
	Mike Barnes	ZL3TMB	352 2294	021 679 479
		P O Box 218, Christchurch, 8140 Email: <a href="mailto:mike@barnes.net.nz">mike@barnes.net.nz</a>		
	Trevor Wignall	ZL3ADZ	3388953 963 9241	021 057 6279
		32 Worsleys Rd, Cracroft, 8025 Email: <a href="mailto:zl3adz@xtra.co.nz">zl3adz@xtra.co.nz</a>		
	Kelvin Barnsdale	ZL3KB	3238377	021 02904020
		18 Rushmore Dr, Belfast 8051 Email: <a href="mailto:kb.ew@xtra.co.nz">kb.ew@xtra.co.nz</a>		
<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		
<b>Trustees:</b>	Rob ZL3RX 348 3815	Gareth ZL3VP	332 2406	
	Greg ZL3IX 03 3100382	work	3570846	
<b>Auditor:</b>	Judith Holland	see David Holland		
<b>Hamlarks:</b>	Kelvin Barnsdale ZL3KB	3238377	021 02904020	
		Email: <a href="mailto:kb.ew@xtra.co.nz">kb.ew@xtra.co.nz</a>		

**Clubrooms 27 Galbraith Avenue, PO Box 1733 Christchurch Ph: 381 4218**

AC

---

P.O.Box 1733,  
Christchurch,  
New Zealand

