

# HAMLARKS

Christchurch Amateur Radio Club



March 2017

**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.

*Views expressed in "Hamlarks" are not necessarily those of the Editor or of the Committee of the Christchurch Amateur Radio Club. The Editor reserves the right to edit articles submitted for publication for reasons of clarity or length. No part of Hamlarks may be reproduced without the express consent of the Editor.*

**Programme for next branch meeting**

Mark Atherton ZL3JVX will be giving a presentation on *Design, implementation and characterization of low complexity VHF and UHF aeriels, with specific interest in localized field-effects. Or, ... tinkering with Antennas.*

**Secretary Rory's Ramblings - ZL3HB**

Another successful Radiotek today apart from an issue with the FM boards that sort of worked but not properly. Kelvin has found an issue with wrong components in a drawer so need to watch that!

Next one is set for 14th May.

HamCram coming up on 18/19th March so if you know of anyone interested get them to hop on the Ham Radio bus.

Bit of an exciting week on the hills wasn't it!! Not very nice & quite scary how easily it can all get out of control. We were very lucky with Marleys being missed weren't we.

NS come back up today but not 705 so we need to get through the cordon at some point to see what gives. Have managed to log onto the engineering link to Marleys but no response from 705 so might need to come down for servicing. Didn't like a power glitch?? Batteries got a hammering despite the low voltage cutouts so some testing will need to be done.

At least 725 seems to be performing well and with 11 repeaters in the area we are rather well served anyway.

And guess what. It's sub time again!! Hate to keep reminding you but we have only had about 55 of you paying so far so you need to get a wriggle on. Remember you only have until the end of March now before the higher sub of \$35/45 cuts in. At \$25 surely it isn't a cost issue!! So PLEASE go online and do the deed to keep this great club running. Tuesday night s are humming with up to 35+ attending so worth a trip down to join the fun.

See you in 10 days or so.

Rory

**Hamads****WANTED**

Diplexer for 2m/70cm; PL259/SO239 connectors preferred. Contact John ZL3IB, ph 03-3489084, email <[john.zl3ib@ihug.co.nz](mailto:john.zl3ib@ihug.co.nz)>.

**Wanted:**

Old NZ Magazines needed. I am trying to complete a collection of NZ's own electronics magazine. This was Radio and Electronics, later Radio and Electrical review, later Radio, Electronics and Communications. I am unsure of when it ceased publication, somewhere in the 1973's, I think.

I would appreciate any spare, unwanted, copies to fill up the missing gaps. Needed are: Volume 4, no. 1, April 1949; Vol.4, no.3, May 1949. The magazines I have on hand for July 1949-December 1949, are in very poor condition and could be replaced if any unwanted copies are miraculously found.

Jan 1952; December 1957; October 1960; April, May, November, December, 1962; Jan-April and June-Sept., November and December, 1963; Jan-April, June, August, 1964; Feb, July, Sept, November, 1969; March, November, December, 1970. April onwards, 1973. Does anyone know when publication ceased?

Many thanks.

Ross ZL3TFK, [weir.rd@xtra.co.nz](mailto:weir.rd@xtra.co.nz)

**Wanted to purchase**

More things I am looking for if you can help. Very much appreciated...

1. Equipment for EME Moonbounce

- 144MHz / 2m Yagi antenna and Linear amp
- 440MHz / 70cm Yagi antenna and Linear amp
- Antenna Rotator for azimuth and elevation

2. ICOM IC-202 (any condition)

3. ICOM IC-502 (any condition)

4. 10.7MHz Crystal Filter 2.2 or 2.4 kHz One marked 10M22D would be perfect, but any filter with these or close bandwidth I am interested in...

5. Parts in the Photo attached (I am only after identical parts as this is an exact replica I am building).

- Type 210 Audio Transformer (As per picture attached) Looks like aluminium capacitor.

- Double Button Microphone element (three connections - As per photo attached)

- 4 Capacitors & 500 Ohm (Centre of photo) and 10k Resistors (As per photo attached).

6. SPY / Clandestine radios from WWII era. I am always interested in these sets, but not military sets.

Michael Wise ZL3AX (G0GPX / J87AB)

Wisdom Counselling

sagecounsellor@gmail.com

027 340 8325

03 745 9118 (Rangiora Area)

## Payment Due - Reminder

### NZART Branch 05 Subscription for 2017

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

Single Membership

\$25 if paid by 31<sup>st</sup> March  \$35 if paid after 31<sup>st</sup> March 2017

Family Membership

Junior \$15

\$35 if paid by 31<sup>st</sup> March  \$45 if paid after 31<sup>st</sup> March 2017

***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.**

**Summits On The Air (SOTA)**

Andrew has done an outstanding job, writing up his SOTA mission.

<https://zl3cc.wordpress.com/2017/01/08/castle-hill-peak/>

Mike ZL3TMB

**Keep a look out!**

Stolen PA speakers

I would appreciate members watching out for four PA horn speakers stolen from the Christchurch Show Grounds. These are Toa, 600 mm diameter, 630mm from flare rim to driver rear, and are coloured a well-faded light grey shade. The drivers are round, grey plastic, and have that special Toa 4-pin plug at the rear, where you rotate the plug to set the 100v line power you want. They are being stolen in Auckland, too, and no one can work out why.... Thanks.

Ross ZL3TFK, [weir.rd@xtra.co.nz](mailto:weir.rd@xtra.co.nz).

**Waikato VHF Group Inc. equipment  
Discovered missing from Te Uku radio site  
11 January 2017**

Stolen some time between 19 December 2016 and 1 January 2017.

**Missing '5675 Repeater equipment:**

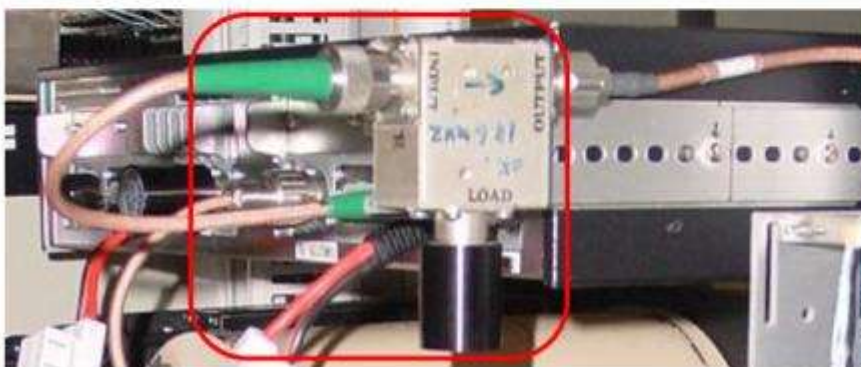
1. **Icom FR5000 repeater shelf** S/N 0301064, containing FR5000 VHF repeater module S/N 0301189 and UR6000 UHF link module S/N 4104538. See photo below, labelled on front "Rx 145.075MHz, Tx 145.675MHz". Also labelled on back with frequencies and trustee contact phone numbers. Two patch cables with DB25 metal-shelled connectors attached to back of this item, cable was cut on one (other end was left plugged into associated equipment).



2. **153.925MHz Notch Filter in 64x58x35mm diecast box** with 2x N sockets (see photos below). This was attached to VHF Repeater Rx port via N male-male barrel connector (also missing).



3. **VHF Circulator (labelled "146MHz") plus Cellwave AL015B 15W load** attached to a bracket mounting these items off the left side of the FR5000 shelf, along with a **RG142 jumper cable** terminated each end with type 'N' plugs having green boots. See photo below.



WVHF\_equipmentMissing.docx  
Discovered 11 January 2017

Waikato VHF Group Inc.  
Contact Ian Brown ph. 0274 818414

**Jock White Field Day 2017 ZL3KB**

Make sure you come along to the Field Day event at Bromley! The club will enter two stations in JW field day this year, and all members very welcome to join in and have some fun. New licence holders- get your first 50 contacts in half an hour!

**Dates -**

Saturday 25<sup>th</sup> February 2017, Arrive at site around 11:00, Erect aerials after 12:00

Sunday 26<sup>th</sup> February 2017, Finish contest at 15:00, Leave site by 17:00

**Place** – Paddock off Bridge Street, near the Avon estuary. See map.

**Lots of operators wanted!**





**RadioTek February 2017 ZL3KB**

The Radiotek crew has always made the promise that “every project goes home working”. Up to now we have been quite successful in our goal, but this time we struggled! The Speaker amplifiers of the second timers all worked first time, as did the robot mouse (!!). However all the FM radios had the same fault (suspicious) and the student with the AM radio project ran out of time.

Rod introduced the second time students to electrical measurements, and Rory showed the third time students electronic components , and how to blow them up .

Thanks to the support crew again, namely Mike ZL 3MWD, Graeme ZL3GSL, Rod ZL3NW, Rob ZL2ROB, Bruce ZL3TDF, Rory ZL3HB, Graeme ZL3NK and Kelvin ZL3KB.



As a “by the way”, we have just heard one of our longstanding RadioTek participants , Emily, has not only signed up for HamCram, but has also got her first job, and it is in the electronics industry. I guess we might have had something to do with that!

## Minutes of the Branch 05 meeting

### Christchurch Amateur Radio Club general meeting 1<sup>st</sup> Feb 2017

**Apologies** ZL3TFM, ZL4FZ. Ian ZL3TAO moved to accept. Carried.

**Visitors** ZL3FV, ZL3LL, Myra

**Minutes** of Dec meeting moved to accept by Rory ZL3HB, seconded Keith ZL3AHL. Carried.

**Correspondence** Amsat Jnl

**Reports** AREC

SAREX at Mt Thomas coming up

Canterbury SAREX at Lake Clearwater

Horse Endurance at Fairlie

**Repeaters**

725 back up & running with refurbished collinear.

Some interference into MM63 but likely their antennas.

705 to be looked at in next few weeks

Need to do a repeater asset list

DMR now online after a damaged switch replaced

D- star off air at present for modifications

**QSL Bureau**

1 lot of cards in – some back to 1999!!

**Tuesday night**

still going strong with up to 35 attending

**Band report**

Generally dead with odd sporadic openings.

**General Business**

Hamtek coming weekend & Radiotek 19<sup>th</sup> Feb & HamCram in March

Picnic was cancelled due to weather.

Field Day will be at Bromley ponds with participants wanted.

Working bee – a small one this coming Saturday.

Garage has been completed but failed final inspection. Builder to rectify.

Committee is considering an extension to the museum. Does anyone object to spending some more \$\$\$\$\$. No.

Summer Sprint on 80 & 40m on Tuesday nights.

John ZL3ADF moved “that committee minutes be published to members google group list” seconded by Noel ZL3QC. Discussion was had for and against. Motion was put and was considered indecisive on voices. A show of hands was called for and there were 12 in favour and 21 against so motion was lost.

An amended motion from John ZL3ADF “that committee minutes to be given to members on request and must remain confidential to that member”, seconded Noel ZL3QC again. Motion was put and carried.

Meeting closed at 8 PM

Hayley Robertson from Customs assisted by Hamish then gave an interesting talk on the processes and procedures employed by Customs in keeping our borders safe.

**Christchurch Amateur Radio Club**Committee for 2017 email: [rory1@xtra.co.nz](mailto:rory1@xtra.co.nz)

		<u>Ph home</u>	<u>Ph work</u>	<u>Cell phone</u>
<b>President:</b>	Ian MacPherson	ZL3TAO 3549311 17 O'Neill Ave Northwood Chch Email: <a href="mailto:ian@macpherson.gen.nz">ian@macpherson.gen.nz</a>		021 048 0298
<b>V/President:</b>	Mike Barnes	ZL3TMB 03 3133321 PO Box 218, Christchurch, 8140 Email: <a href="mailto:mike@barnes.net.nz">mike@barnes.net.nz</a>		021 679 479
<b>Secretary:</b>	Rory Deans	ZL3HB 3446292 29 Seymour St, Hornby, Chch 8042 Email: <a href="mailto:rory1@xtra.co.nz">rory1@xtra.co.nz</a>		0211314599
<b>Treasurer:</b>	Richard Prattley	ZL3UE 325 2685 42 Ryelands Dr, Lincoln, Email: <a href="mailto:zl3ue@snap.net.nz">zl3ue@snap.net.nz</a>		027 226 2205
<b>Committee:</b>	Trevor Wignall	ZL3ADZ 3388953 32 Worsleys Rd, Cracroft, 8025 Email: <a href="mailto:zl3adz@xtra.co.nz">zl3adz@xtra.co.nz</a>	963 9241	021 057 6279
	David O'Malley	ZL3DO 3594117 72 Crofton Rd, Harewood, Chch 8051 Email: <a href="mailto:david.b.omalley@gmail.com">david.b.omalley@gmail.com</a>		027 6581350
	Mark Atherton	ZL3JVX 3376632 116B St Martins Rd Chch 8022 Email: <a href="mailto:markaren1@xtra.co.nz">markaren1@xtra.co.nz</a>		021 0324446
	Mike Duncan	ZL3MWD 3384942 243 Hoon Hay Rd Chch Email: <a href="mailto:mikedun@xtra.co.nz">mikedun@xtra.co.nz</a>		0211039338
	Blair Kenton	ZL3TOY 3392967 44 Dickens St, Addington, Chch Email: <a href="mailto:zl3toynz@gmail.com">zl3toynz@gmail.com</a>		0212922164
	Gareth Bradshaw	ZL3VP 3322406 163A Ashgrove Tee, Chch Email: <a href="mailto:zl3vp@xtra.co.nz">zl3vp@xtra.co.nz</a>		0274324738
	AREC Richard Smart	ZL4FZ 385 8355 Email: <a href="mailto:rsmart@netaccess.co.nz">rsmart@netaccess.co.nz</a>	3728603	021 443 086 0275085718
<b>Repeater Trustees:</b>	Rob Thirkettle ZL3RX 3483815 Gareth Bradshaw ZL3VP 3322406 Mike Barnes ZL3TMB 03 3133321			
<b>Auditor:</b>	Community auditors/reviewers			
<b>Hamlarks:</b>	Kelvin Barnsdale ZL3KB	3238377 Email: <a href="mailto:kb.ew@xtra.co.nz">kb.ew@xtra.co.nz</a>		021 02904020

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

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From P.O.Box 1733,  
Christchurch,  
New Zealand