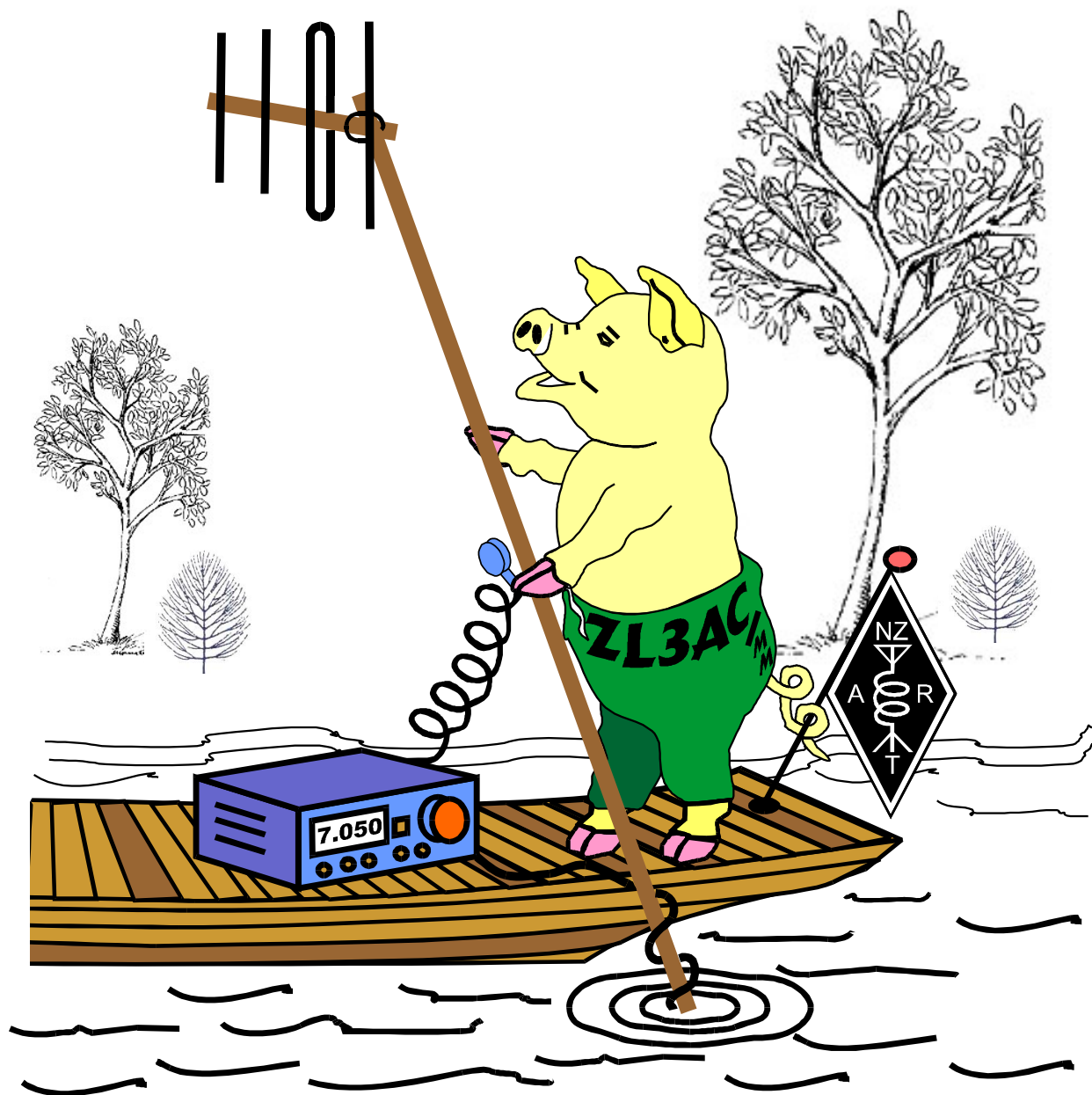


HAMLARKS

Christchurch Amateur Radio Club



October 2013

Branch 05 Club re-occurring events

MAIN BRANCH MEETING First Wednesday of the month 7.30pm, except January. *All visitors welcome*. Currently at 5 Idris Road

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

COMMITTEE MEETING 1st Monday after branch meeting 7.30pm
Currently at 5 Idris Road.

AREC MEETINGS Normally the 2nd Wednesday of the month 7.30pm. Currently at 5 Idris Road.

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 wherever Branch05 is that night.

Branch 05 Website www.chchhamradio.org.nz

Presentation for next branch meeting

Next meeting at 5 Idris Road.

Speaker - Richard Smart on test equipment - in particular a piece of gear club just bought.

Rory's ramblings - ZL3HB

Well - we've done it!! Found new clubrooms. Temporary at this stage & maybe too temporary!!

Steve ZL2UCX has been taking to Scouts & they have an unused hall at 5 Idris Rd. We went & had a look & it looks ideal. Main hall slightly larger than our previous with 2 separate rooms, kitchen, toilets & storeroom. Similar construction of columns & block infill.

Was being used as a Fletcher EQC hub but they did an EQ evaluation & it came in too low for them so they moved out. Scouts don't want to spend \$\$\$ to bring it up to code so Council want it demolished as on Council Reserve land. We thought we might get use of it for 6 -12 months before demolition but we have found that might not be the case & demo might be imminent. So we will meet there on 2nd Oct & discuss our options. We have had an engineer look at it & there are possibilities.

Of course all other options are still on the table as this is only temporary. An option raised has been to buy one of the houses behind Br 56, rent the house out & use the area around the house as car parking & maybe putting a truck garage down the back. So options are still coming up that we need to talk about.

On another subject -SCAPE is coming together. We have set all the gear up & proved the system works. Now to put it in the Civilian & go test it. The operating roster will be a bit last minute as passes are changing daily.

JOTI is also on course to build 100 or so Radiotek wiggly wire games so October is going to be a busy month along with Harris Trophy for AREC. See you all at one event or another.

That's it from me

Cheers

Rory

Hamlarks editor on the key - ZL3KB

Let us hope we can find a way to keep the location at 5 Idris road. I was just thinking ahead, in an optimistic way, to a possibility of having a new range of radio kits called "Idris". So a little background research was needed, and it looks like we have a mixture of a Tardis host and a Welsh giant, so maybe the inside of the new scout hall is bigger on the inside?

IDRIS (from Wikipedia)

Idris the Giant ([Welsh](#): Idris Gawr; c. 560 – c. 632) was a king of [Meirionnydd](#) in [early medieval Wales](#). He is also sometimes known by the patronymic Idris son of Gwyddno (Idris ap Gwyddno). [Cadair Idris](#), a Welsh mountain, literally means "Chair of Idris". Idris was said to have studied the stars from on top of it and it was later reputed to bestow either madness or poetic inspiration to whoever spent a night at its summit. According to John Rhys, there were three other giants in the Welsh tradition along with Idris – Ysgydion, Offrwm, and Ysbryn – and all of them have mountains named for them near Cadair Idris.[\[1\]](#) He is thought to have been killed during a battle with [Oswald of Northumbria](#) near the [River Severn](#) around 632, although the [Welsh annals](#) merely state he was strangled in the same year.[\[2\]](#)

IDRIS was a [humanoid](#) woman of unknown origin who was used as a host for the matrix, or consciousness, of [the Doctor's TARDIS](#).

Idris' is an ancient [prophet](#) mentioned in the [Qur'an](#). He is described in the [Qur'an](#) as "trustworthy" and "patient"[\[1\]](#) and the [Qur'an](#) also says that he was "exalted to a high station",[\[2\]](#) which has generally been understood in Islamic tradition to mean that he ascended into [Heaven](#) without dying.[\[3\]](#)

How to find the next club meeting

Directions to the scout hall at 5 Idris Road can be found on our website See <http://www.chchhamradio.org.nz/>

\$\$\$\$\$\$\$\$\$\$\$\$ Hamads \$\$\$\$\$\$\$\$\$\$\$\$

Wanted Any Denco coils for transistor radios, these are the brightly coloured coils on B9A plug bases, mostly Blue, Yellow or Red, with a slug adjuster at the top. Call Kelvin ZL3KB 323 8377 kb.ew@xtra.co.nz

For Sale

Yaesu FRG7 receiver \$100.--
 Yaesu FT480R multi moded 2mtr rig \$100.--
 Kenwood TS700 multi moded 2mtr rig \$100.--
 Kenwood twins T599s R599s HF \$400 Both.

Appreciate if buyers pay freight or pick up. Anybody interested, to email me please.

Roly [roly_zl4au@hotmail.com] ZL4au

Situation Vacant



**Situation Vacant,
Deputy editor for *Break-In***

I am urgently seeking someone to assist and deputise my role as Editor.

If you think you can help please contact John ZL3IB, phone 03-3489 084, email <john.zl3ib@ihug.co.nz> for more information.

Hamlarks Print ZL3KB editor

As the print requirement of Hamlarks has now dropped to a very low quantity, we will try a new low cost printing method for this issue. By this method we can avoid printing many unused copies.

If anyone cannot get Hamlarks in email form, or knows of someone who needs a printed copy, please phone Rory ZL3HB 344 6292 or Kelvin ZL3KB 323 8377.

Quiz answers Question 1 = A, Question 2 = C

SCAPE ZL3ISS

For those who have not heard about this event, this is an arts festival in Christchurch from September to November. We are working with



Maddie Leach & Jem Noble to setup a ground station for communication to the international space station. See the web site

<http://www.scapebiennial.org.nz/i-was-using-six-watts>

We will be setting up the AREC van in Hagley Park on Saturday 28th Sept, and will operate on various days until late October. We will have a VHF/UHF FT897D as the main rig to talk to the ISS, with our call sign ZL3ISS, and a FM broadcast transmitter on 107.1MHz carrying the sound effects created by Maddie and Jem.

We will mix the ISS uplink/downlink into this broadcast feed if and when the astronauts wake up! We also have a recorder to capture the broadcast, and a live display of the ISS orbit pass over NZ. If we get really lucky we will be able to feed any SSTV from ISS into our display at our site.

Rory is organizing most of this event from the CARC side, and here is his latest update:

Yesterday we set up all the gear & tested it. Worked fine. Spent a bit of time setting audio levels etc with a bit more to do there yet.

Next Tuesday night we will take Civilian down there & put gear aboard & test it again.

Have decided to do several passes next weekend to give it a good shove on opening weekend. There are six passes from 11AM until 7PM in evening with last one possibly being visible. So we will do first two Sat 28th at 11.06 & 12.41 - maybe take a break & do 17.33 & 19.11. Might also do the intermediate ones. Will see how it goes on the day.

On Sunday we have passes from 12.53 through to 19.21 so will do same again. We need hands up as to who can come along to assist first weekend please.

Need say another 3 but others could come to use as training as I won't be able to be at all days so you will need to be able to setup & operate yourselves.

At this stage we intend to do weekends -less days already out - and Thursdays so we have set days. But there may be some Thursdays with no passes so that might change too. Flexibility is going to be the name of the game!

So there you have it, you cannot say Ham Radio is not versatile!
Kelvin ZL3KB

Inaugural Meeting of the Idris Road (temporary) clubrooms.

17th September 2013



Figure 1 A planning session for SCAPE in progress



Figure 2 Front view of scout hall, 5 Idris road



Figure 3 Top loaded, 6 element Yagi

Minutes of previous club meeting

Christchurch Radio Club Meeting 4th September 2013 at Catholic College

Apologies ZL3VP, ZL3RX, ZL3OY, ZL2IC, ZL3ACU, ZL3DO. Moved to accept by Ian ZL3TAO in the chair. Carried.

Minutes of August meeting moved to accept by Rory ZL3HB, seconded Don ZL3SX. Carried.

Matters Arising Banner – a proposed design was passed around. Modifications suggested.

Correspondence Q-bit, QTC-56, Ragchew, Amsat Jnl, Insurance letter.

Reports ARECALL quiet, Harris Trophy in October, Klassic Kayak in December, Landsar channels being sorted out.
Methven SAR HF antenna installation completed by ZL4FZ, ZL3MJS & ZL3ND.

Repeaters Mt Grey still off the air pending upgrade.
Beacons – in hand. Antenna brackets being made.

QSL Bureau Two lots of cards
Tuesday night Only 3 attending at present. Need a better venue with some action!

Band report Geoff ZL3PX reports 10m up variable. Some interesting spots on WSPR. ZL TV has been heard in the Caribbean. Soon no analogue TV as beacons. 80m interesting at sunrise. Aircraft enhancement to Opunake. 5 mins of SSB

General Business

Br 56 Equipment sale on 5th October.

Further discussion on banner.

Insurance was discussed regarding Public Liability. See what NZART covers.

Les ZL3BG wants his tower removed sometime.

SCAPE – helpers required. Offers from ZL3TMB, ZL3BAW, ZL2BAT, ZL3GIG, ZL3HB, ZL4FZ.

Joti coming up in October. Radiotek are going to do up to 100 wiggly wire builds.

Trackers – NZART wants them back. Will meet at container Monday next to retrieve.

Baluns First run coming up.

Kordia have accepted our offer for the Analyser.

Suggestion re partnering with Menz Sheds. One going ahead at St John of God.

Meeting closed at 8.25pm

Mark ZL3AB then gave an interesting talk on the ZL3X Quake Contesters group.

TEST - Could YOU pass the amateur radio exam?

New questions

The fundamental regulations controlling the Amateur Service are to be found in:

- the International Radio Regulations from the ITU
- the Radio Amateur's Handbook
- the NZART Callbook
- on the packet radio bulletin-board

A superhet receiver, with a 500 kHz IF, is receiving a signal at 21.0 MHz. A strong unwanted signal at 22 MHz is interfering. The cause is:

- insufficient IF selectivity
- the 22 MHz signal is out-of-band
- 22 MHz is the image frequency
- insufficient RF gain

The answers on another page. (I am sure you will not need...)

Christchurch Amateur Radio Club**Committee for 2013**email: rory1@xtra.co.nz

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