

ZL1AA - AUCKLAND BRANCH 02

MARCH 2015

FOX HUNT SATURDAY MAR. 21 @ 13:00 Hrs BBQ AT 12:00 NOON

Club Room will be open at 10:30 AM





Fox Hunt to be held on 21 MAR. Starting point will be ZL1AA Clubroom - 400 St Johns Road Kohimarama (Off the beaten track / main road) Google Earth: 36.869730s, 174.843860e

Map can be found on Page 8 of this newsletter - Hint..

Please print the map...

NOTICE: SUBS ARE DUE SEE PAGE 2

ZL1AA Auckland Branch 02 PO Box 18003 Glen Innes Auckland 1743

www.qsl.net/zl1aa ZL1AA@nzart.org.nz Skype: ZL1AA_NZ

Club Officers

President

Steve Miller, ZL1FS Dion4cy@gmail.com 021 0226-4981

Vice President

Wes Printz, ZL3TE ZL3TE@dxer.com 027 227-7779

Secretary

Wallace Bottomley, ZL1WAL ZL1WAL@nzart.org.nz (09) 575-6383

Treasurer

Wallace Bottomley, ZL1WAL ZL1WAL@nzart.org.nz (09) 575-6383

Elected Members

Ray Chapman, ZL1AJR ZL1AJR@xtra.co.nz (09) 528-5410

Gwynne Rowe, ZL1AAR rgwynne.rowe@xtra.co.nz (09) 528-1177

Japie Nel, ZL1JJN jinel@orcon.net.nz

Logan Nicoll, ZL1LMN chillistick@gmail.com 021 0271-5660

George Marr, ZL1TUJ gmarr@ix.net.nz

Nenad Cosic, YZ1KEP nenadcosicnz@gmail.com 021 265-0960

ZL1AA Information:

Branch 02 Clubroom is located at 400 St Johns Road Kohimarama, Auckland (Off the beaten track / main road)

Google Earth: 36.869730s, 174.843860e

Clubroom is open every Saturday from 1030 hrs for members and guests to drop by for coffee and a chat!

General meetings are held on the third Saturday of each month at 1330 hrs (except Dec / Jan).

Committee meetings are held on the first Tuesday of each month at 1930 hrs. ALL paid members are welcome to attend.

Affiliations:

10-10 International NZART AMSAT-ZL

Club nets:

Thursday:

145.775 MHz @ 1930 Ray, ZL1AJR NCO Thursday:

3.645 MHz @ 2000 Ray, ZL1AJR NCO

10-10 Down Under Chapter Net: 28.530 MHz 2230Z Fridays (1030 NZST Saturdays)

Branch Contacts:

Gwynne Rowe, ZL1AAR (09)-528-1177 Steve Miller, ZL1FS 021 0226-4981

Branch Examiners:

Steve Miller, ZL1FS 021 0226-4981

Wallace Bottomley, ZL1WAL (09) 575-6383 Wes Printz, ZL3TE 027 227-7779

Web Master:

Andrei Chatalov, ZL1TM achatnz@gmail.com

Librarian:

Gwynne Rowe, ZL1AAR (09)-528-1177

Station Trustees:

George Marr, ZL1TUJ Wes Printz, ZL3TE

Branch Technical Advisers:

Simon Watt-Wyness, ZL1SWW sww@eagle.co.nz

SUBSCRIPTIONS

Subscription Rates:

Regular \$45 (discounted with a \$5.00 raffle ticket if paid by 31st March 2014) Youth Rate \$20

- ❖ Post to PO Box 18003, Glen Innes, Auckland 1743, direct credit may be made into our bank account 12-3047-0076823-00, or pay the Treasurer or Secretary at the clubrooms.
- ❖ A pro rata rate is offered to a new member joining part way through the year. The financial year runs from 1 December to 30 November
- Receipts will be distributed either in person at meetings or via mail/E-mail.
- ❖ Branch financial year currently runs from 1 December to 30 November.
- A current Membership Application / Renewal Form is required with all payments to assist with accurate record keeping. Available from the Secretary, or by download http://www.gsl.net/zl1aa/br02 mem form.pdf
- All members' information is kept confidential unless approval is given for it to be released.

Newsletter material submissions are welcomed and appreciated by your editor. You may submit material in a variety of file formats: .TXT .DOC, or just plain old E-mail. Photos are accepted also. Please submit material via E-Mail to: ZL3TE @ dxer.com I will use what I can with the space available at the time of newsletter editing.

Auckland Unitary Plan Update

The Submission Status

The Auckland Council has now posted some dates for the first part of our Submission 4498 Hearings. The posting is part of a large 9 MB spread-sheet (see http://www.aupihp.govt.nz/)

Very briefly the process is

- a) Expert Panel hearing: April 2015. This specifies that the whole panel will be dealing with all the issues of definition (such as "ensure that 'Amateur Radio Configuration' applies to the definition of 'aerial')" There are four specific matters under this category.
- b) Pre-hearing panel (specifically "split panel A") will meet in March 2015. These hearing will deal with the infrastructure issues such as aerial heights, zone issues, Assessment issues, and the like. There are 16 matters in this category.

At these meetings there will be an attempt to resolve issues so as to avoid the full Hearings process, which are scheduled for later in the year (currently expected to be November 2015). The steering committee will be discussing its approach in the next week or so. Because of the importance of NZART succeeding with the Auckland Plan – if we don't win, it is possible that other Councils could align themselves with the Auckland approach, and that might not be good for Amateur Radio in New Zealand – I rather hope that we will enter this process with the best professional advise available.

Douglas Birt ZL1BFS
NZART Local Government Liaison Officer
kdbirt@gisborne.net.nz
Mobile 027 492 5189

Looking for something to do on the weekend? Need to fill some more DXCC Challenge slots? work new Countries, work new modes? Why not operate a short while in a contest. There are several to choose from. More Information can be found here:

http://www.hornucopia.com/contestcal/weeklycont.php

Mar 16-23

• Wisconsin QSO Party: Mar 15 / 16

• CLARA HF Contest: Mar 17 / 18

• RSGB 80m Club Championship, Mar 19

• BARTG HF RTTY Contest: Mar 21 / 23

Russian DX Contest: Mar 21 / 22

• Feld Hell Sprint: Mar 21

Mar 24-31

SKCC Sprint: Mar 25

CWops Mini-CWT Test: Mar 25 / 26

NCCC RTTY Sprint: Mar 27

• NCCC Sprint: Mar 27

• CQ WW WPX, SSB: Mar 28 / Mar 29

• FOC QSO Party: Mar 28

Every Month: NZART Official Broadcast: 3900 kHz LSB last Sunday of month at 2000hrs and at 2100hrs. (Also broadcast on the National Link and available on the NZART Website).

Auckland Branch, 02 NZART (Inc.) Minutes of General Club Meeting

Date / Time / Place: Saturday 21st February 2015 / 1340 hours / Clubroom

Attendees: Steve, ZL1FS presiding; Wallace, ZL1WAL, Ray, ZL1AJR, Logan, ZL1LMN, Japie, ZL1JJN

Gwynne, ZL1AAR and Oliver Wardecki as per the Attendance book.

Apologies: Wes, ZL3TE Sustained ZL1FS / ZL1JJN

Minutes:

General meeting on Saturday 22nd November 2014 Taken as read and approved ZL1WAL / ZL1FS

General Meeting on Saturday 18th October 2014 carried over from last year
 Approved ZL1WAL /ZL1AAR

Correspondence In:

NZART-HQ: details of the Public Liability Insurance offered by ANON. Cover \$2M, Excess \$500, Premium \$172.92. Secretary is to write to NZART-HQ to accept.

Received ZL1FSI / ZL1LMN

Finance Report:

The Finance report as presented at the Committee Meeting on 3rd February was tabled.

- The Budget for 2015 has been adopted by the Committee. It shows a breakeven after making donations to Auckland VHF Group and Musick Point Radio Society.
- Invoices for Subscriptions will be e-mailed to Members reminding them of the deadline for entry to the raffle for a 2014 ARRL handbook.

Reports:

- Computers: Logan ZL1LMN has installed an Atom PC to host the K3 Remotely operated station.
- AREC exercise was supported at Hunua ranges Cycle Race by Logan (First Aid truck), George and Wallace at Red 14 last check-point.
- Directory updated on Web page.
- A Fox hunting event for Orienteers' was held at Lloyd Elsmore Park on 28th January. Most were too exhausted to attempt it.
- Inter-branch Fox hunt will be held on 21st March 2014. BBQ at noon; start at Clubroom after 1300.
- Nets have been shifted to Thursday: Ray's attempt to keep both microphones open was satisfactory.
 - o VHF 1930 hours
 - o HF 2000 hours.
- Two candidates have passed exams: John Burton (a hang-glider instructor) and Harry Hart.

JWFD:

- Gwynne offered to manage the team because Wes will not be available after all.
- No B team this year.
- Only SSB on both 80m and 40m will be contested.
- Operators are asked to volunteer directly to Gwynne. The phone tree should be used to summon support.
- More bamboo poles are needed. Wallace will harvest them for Steve to pickup.
- Catering is being arranged by Mrs Nicoll and Mrs Watson.
- A spending pool for catering was tabled by Gwynne (\$50) and Ray (\$50).
- Mrs Nicoll has donated a tent (to replace the small tent that was torn so badly in the wind last year).

The meeting closed at 15:00 with tea and pizza served by Ray.

• The rest of this day is to prepare for JWFD. Steve intends be at the clubroom on Friday afternoon.

The deadline for the April 2015 Newsletter will be Wednesday the 8th. If material is NOT received by the deadline, it will NOT make the newsletter. I will be heading to 3D2 for the JIDX CW Contest on Friday April 10.. I will have plenty to do before departing.

I plan to be QRV 10-40M by 1000Z Friday evening through Monday evening (some sleep planned). Estimated QRT will be 0730Z Monday. I will use my **3D2SE** call. Operation will mainly be CW, some Digital modes may be possible.

Rig will be a KX3 with KXPA100 Amp, various antennas consiting of a Vertical, Dipole, and a Buddipole. Hope to put you in the log.

73, Wes, ZL3TE / 3D2SE

Auckland Branch 02, NZART (Inc.) Minutes of Committee Meeting

Date / Time / Place: Tuesday 3rd March 2015 / 1930 hours / Clubroom

Attendees: Steve ZL1FS presiding; Wallace ZL1WAL, Gwynne ZL1AAR, Ray ZL1AJR, Japie ZL1JJN, Logan

ZL1LMN, and visitor Mrs. Nicoll.

Apologies: George ZL1TUJ (injured)

Minutes: Of the previous Committee meeting on Tuesday 3rd February 2015

Taken as read and accepted ZL1FS / ZL1WAL

Correspondence In:

- Newsletters: Franklin, North Shore Suburban (by post); Hibiscus Coast; Auck VHF Group (by e-mail)
- Branch reflector of Newsletters from North Canterbury, Hasting / Napier, Rotorua, Hamilton.
- Wes: unavailable for JWFD.
- Douglas Birt: Unitary Plan definitions will be mediated in March. (This is our main submission)
- Inland Revenue about time extension for a return.
- Selwyn: Problem with tuning (after electrical storm).
- Selwyn: JWFD rules about newbie operators.
- Tomás Hernández Pérez EA8TH visiting in July August

Correspondence Out:

- Wes ZL3TE: Clarification about intent of B team for JWFD
- East & Bays Courier: What's on advertisement
- Donations to Auckland VHF Group
- Donation to Musick Point Radio Society
- Inland Revenue explaining our Exempt status.
- NZART-HQ: Acceptance of Public Liability Insurance policy.

Received and approved ZL1WAL / ZL1AJR

Finance:

Finance Report.

Taken as read and received ZL1WAL / ZL1AAR

- Invoice not yet received from NZART-HQ.
 - o Public Liability Insurance: Cover \$2M; Excess \$500; Premium \$172.92 (It could cost more).
- Gwynne made a donation on behalf of the branch for travel expenses to attend the IARU meeting.
- Invoice for Subscriptions. Sample shown. Raffle will be drawn at Committee meeting on 7th April
- Application for funds from Pubs Charity will be prepared for approval at next meeting:
 - 60m of LMR400 coax; Rotator cable; 130w Solar panel; 30A regulator; 2.5Kw generator

General Business:

- Reports: (This heading includes a repository of all matters that have not progressed since their introduction)
- JWFD: Gwynne noted the camaraderie of all who participated.
 - Gwynne and Ray each made donations of \$50 to cover the cost of food supplied.
 - A vote of thanks was made with acclamation for the tent donated by Mrs Nicolls.
- AREC: None.
- Maintenance
 - Meter readings since power was restored:

0	DATE	READINGS	Usage	Av / day
0	20th Sep	46411.9	_	_
0	7th Oct	46443.5	31.6	1.85
0	25th Jan	46781.9	338.4	3.07
0	3rd Feb	46808.0	26.1	3.73
0	3rd Mar	46912.0	104.0	3.71

- Painting North wall to be scheduled. Paul Burgess has offered to help. Planks are needed.
- Level floor in SW corner to be scheduled.
- Corner pile supporting under-floor access door. Nenad is in charge.
- Antennas:
 - Tower:
 - Needs a champion to head the project
 - Fitting thrust bearing, rotator and guad
 - Procuring the coax and rotator control cable and threading it through the duct.

(March Committeee Minutes Continued on page 6)

Minutes of Committee Meeting March 2015 (Continued)

- 40 m centre pole: Wooden pole found; decided to splice it to the support.
- Bamboo poles 5 more have been harvested and delivered.
 All poles are to be trimmed and stored under the clubroom.

The extension ladder is to be stored.

- Computers / network / phone line
 - Reevaluate Woosh, Naked broadband, other ISPs.
 For example: Spark offers "Flip" 20GB for \$60 per month (Orcon charge \$85.00)
 - Atom PC is hosting K3. A sound card has been fitted.
- Reports (Continued)
 - Remotely operated station:
 - List of overseas applicants to be extracted from the log.
 - Audio fixed and RCForb client has had volume controls simplified.
- QSL cards: 1 received.
- Nets: Changed to Thursday; VHF at 1930 hours followed by HF at 2000 hours.
- Future Events:
 - Fox hunt Inter-Branch ARDF Competition 21st March in vicinity of clubroom.
 - Pony club will decide at their Committee meeting to let us wander their paddocks.
 - Steve expects to be back in time (from his voyage to Japan).
 - Wallace will prepare a map for inclusion in the newsletter that promotes the event.
 - Cars will not be used because foxes can be located within 1km radius.
 - BBQ at noon. Start at 1300 hours.
 - There will be no formal general meeting.
 - St Heliers Sandcastle day 21st March 10am to 3pm decided not to set up a radio.
 - Jumbo Indoor bowls: Wed. 5th April at Albany King George V Coronation Hall.
 - World amateur day 18th April.
 - Speakers: Gary Bold will be invited again.
 - Hannes ZL1LW wants to address us about Net mesh (replacement of pacnet).

Meting closed at 2100 hours with supper served by Ray ZL1AJR



Spotted in Grey Lynn - Civil Defence Keeping Auckland Safe from the Queensland Fruit Fly invasion



The Fox hunting page Amateur radio Direction Finding

by Wallace, ZL1WAL



Fox Hunting (2 metres) What to expect: (Revised March 2015)

- There will be five foxes hiding (hi hi). Over 65 year olds need find only 4 foxes
- You will need a map, multi-coloured biro and \$10 (it covers cost of batteries) to buy a "control card" on which you write name, branch, call-sign and age. Please write this detail twice because we keep half the card
- Competitors start individually at 5 minute intervals. When you are ready, present your control card to the Starter who will write your start time (in unique ink) onto your control card; he will keep half of it to know who is still out.
- Even if you abandon the course, you must hand in the control card otherwise we will think that you are lost and we may send out a search party.
- Each fox broadcasts its identity in slow Morse code (on 144.700 MHz) for one minute each. That is, each fox is silent for four minutes until its turn to transmit again. The Morse codes are:

MOE sounds like "dah dah dah dah dit " (listen for 1 dit)

MOI sounds like "dah dah dah dah dit dit" (listen for 2 dits)

MOS sounds like "dah dah dah dah dit dit dit" (listen for 3 dits)

MOH sounds like "dah dah dah dah dit dit dit" (listen for 4 dits)

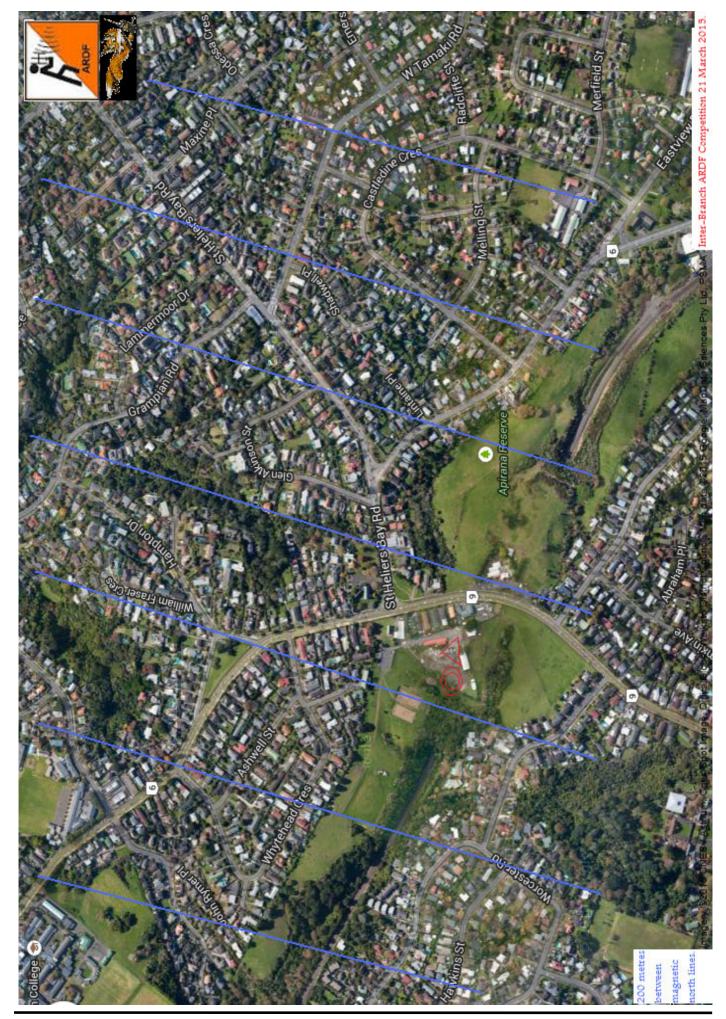
MO5 sounds like "dah dah dah dah dit dit dit dit" (listen for 5 dits)

- Each fox appears at eye level, as an orange and white prism-shaped flag near the transmitter. Beneath the flag is a clipper / punch which you use to impress a pattern onto your control card thus proving that you visited it, and thus scoring **20 points** for each fox visited.
- Time allowed is 1 hour. One point will be deducted for each minute late in returning. As you finish, we shall record your elapsed time, check the control clips and compute your score. We will display your card on a clothes line so that you may compare your score with others, and discuss your respective strategies.
- We have some regenerative AM Direction Finding Radios for hire. They are difficult to tune; **adjust them at your peril.** The fact that you do not hear the next fox simply means that:
 - You are too far away from the fox that is transmitting
 - o There may be a hill between you and the fox, i.e. no line of sight.

Wait until the minute has elapsed then listen for the next fox to start transmitting.

- A hand-held radio works very well, provided you hold it close to your chest to shield RF from behind you. When you are near a fox, use a paper clip as an antenna, to attenuate the signal, else directivity is lost.
- Yagi antenna For construction details, refer to our web page www.qsl.net/ZL1AA then click on Newsletters > 2012 > March, then scroll down to page 6.
- Triangulation tip: This means, orient your map (if you have a compass, the top of the map is magnetic north), then plot the direction towards each fox that you can hear. Go further along the road to a corner, then plot another set of bearings. A third set of bearings from the next corner will give you a precise intersection of these plot lines to show where the foxes are. Then study your map to plan how to run around the area by the fastest / shortest route, visiting and scoring each fox as you go. This is better than bush-bashing towards each fox in turn. Remember to keep track of your time else you will have points deducted if you are late back.





ZL1AA BRANCH 02 NEWSLETTER MARCH 2015 PAGE 8