



New Zealand Association of Radio Transmitters

ZL1AA - AUCKLAND BRANCH 02

FEBRUARY

2014

**JOCK WHITE FIELD DAY 2014
FEBRUARY BRANCH GATHERING
SATURDAY FEB. 15 @ 13:30 Hrs
ZL1AA Clubrooms Located at:
400 St Johns Road, Kohimarama**

**FIELD DAY PREPARATIONS
Club Room will be open at 10:30 AM**

- ⇒ **10:30 am to Noon: Working Bee**
 - Preparation for JWFD next week-end**
 - Erecting Poles**
 - Tuning Antennas**
- ⇒ **BBQ at Noon**
- ⇒ **General Meeting at 1330 hours — Agenda:**
 - To receive correspondence and reports, etc.**
 - Submission to Auckland Unitary Plan**
 - To hear suggestions from the Membership**
- ⇒ **Afterwards:**
 - Lecture about JWFD operation**
 - finish preparations for JWFD**
 - Stow gear away 15:00 UTC**

NOTICE: FT5ZM WILL QRT 12 FEB

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

George Marr, ZL1TUJ
gmarr@ix.net.nz

Vice President

Steve Miller, ZL1FS
ZL1FS@nzart.org.nz
(09) 908-5589

Secretary

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

Treasurer

Wallace Bottomley, ZL1WAL
ZL1WAL@nzart.org.nz
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Elected Members

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

Gwynne Rowe, ZL1AAR
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(09) 524-9969

Japie Nel, ZL1JJN
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Wes Printz, ZL3TE
ZL3TE@dxer.com
027 227-7779

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

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:
Monday:
3.645 MHz @ 2000 Ray, ZL1AJR NCO
Thursday:
145.775 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)-524-9969

Steve Miller, ZL1FS
(09) 908-5589

Branch Examiners:

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Station Trustees:

Steve Miller, ZL1FS
George Marr, ZL1TUJ

Branch Technical Advisers:

Simon Watt-Wyness, ZL1SSW
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James Knightly, ZL1KNI
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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.qsl.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.

Club Report - Steve, ZL1FS

Logan, ZL1LMN supplied and set up a more suitable faster computer, to be used as the Master / Main unit. He then was able to make the other computers file share. While he was doing this I changed the noisy older multi port hub for the new one that Selwyn supplied. Also went through the Ethernet net cables, checking & re-labeling them. There is one cable that can use on the main table when required for demos or technical talks that require an internet connection.

Logan then sorted out the Office computer. (major clean out & revamp of the software), A sound removed from another computer was installed from another computer. After hours of fine tuning, it is now working successfully with file sharing, and a vast performance increase. Likewise, similar action was taken with the HF-1 computer, replacing the keyboard and mouse.

Next on the list was setting up print sharing. ALL printing is now done through this Master unit. The printer is to REMAIN beside the master computer. There NO need to move it. This master computer needs to be switched ON when the club is in attendance. This is also for the club Skype connection, plus the other ham radio programs, which we will continue to increase as time goes by.

Summary of setup: There are 4 active computers:

- 1) **Master / Main:** For general use.
- 2) **Remote:** As Named - NOT for general use.
- 3) **The Office:** Office use, plus secondary general use.
- 4) **HF-1:** For HF-1 use, plus general use.

Any suggestions for further development / improvements are welcome. PLEASE DO NOT alter anything without consulting either Logan or myself.

Also, during this time I found a suitable pulley for the main tilt over mast. This has been set up with a chain & shackles for the job, and it is hanging in the store room.

Logan has been at the clubrooms for over a week, & I have been at the club as often as possible, in fact, we have been enjoying our lunch breaks at the club a few occasions.

Cheers, Steve, ZL1FS

News From Brazil

The Brazilian Amateur Radio League Says that it will be celebrating its 80th anniversary throughout the month of February by conducting a special on the air operation. During this period, Brazilian Amateur Radio League stations operating in various states will use special ZZ80 prefix callsigns. The operation will be on all of the HF bands using various modes.

All QSOs will be confirmed by commemorative QSL card from the Brazilian Amateur Radio League.

Te Puke Amateur Radio Club Inc. Annual Junk Sale - Br 53

Saturday Mar 01 2014
Venue Open 06:30 am
Sale Time 10:00 am

Paengoroa Community Hall
223 State Highway 33

GPS Coordinates:
37.49 S 176.24 E

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>

February 6-13

- YL-ISSB QSO Party, CW: Feb 8/9
- CQ WW RTTY WPX Contest: Feb 8/9
- Asia-Pacific Spring Sprint, CW: Feb 8
- SKCC Weekend Sprintathon: Feb 8/9
- New Hampshire QSO Party: Feb 8/9
- FISTS Winter Sprint: Feb 8

February 14-21

- Russian PSK WW Contest: Feb 14/15
- ARRL Inter. DX Contest, CW: Feb 15/16
- Feld Hell Sprint: 2000Z-2200Z, Feb 15
- RSGB 80m Club Championship, CW: 2000Z-2130Z, Feb 20
- CQ 160-Meter Contest, SSB: 2200Z, Feb 21 to 2200Z, Feb 23

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).



From The Chair - George, ZL1TUJ

Newsletter:

The Christmas edition of the Auckland Branch newsletter was Wallace's last. Wes, ZL3TE takes over as Editor to keep us informed about happenings at the Clubroom and with our hobby. Contributions are essential to lighten his load.

Jock White National Field Day Contest:

Wes also has a special interest in managing our team for the JWFD to be held next fortnight 22nd and 23rd February. We shall compete for, and hopefully retain (for the fourth successive year), the Montgomery Cup. On the prior Saturday 15th February, we urge would-be participants to attend the dress rehearsal. There are poles to erect and antennas to test. This year we shall hold a lecture about "Operating techniques to maximize our score." First timers should avail themselves of these valuable lessons (which for commercially sensitive reasons, will never be published). A decision will be made then on the merits of fielding a "B team".

ARRL 10m Contest:

At the end of last year, Selwyn, ZL1BRC made an impassioned plea to put ZL1AA on the air. He Operated ZL1AA in the ARRL 10M DX Contest Dec 14-15. Selwyn made the first 47 QSOs on Saturday afternoon, followed by Ray, ZL1AJR. Wallace, ZL1WAL took over on Sunday and early Monday until Selwyn and Ian, ZL2ATD arrived to bring their total to 150. While this was not a big number, we were appreciated by those whom we did contact because, in effect, we gave them a ZL multiplier for their score.

Examination passes: Congratulations to Ayman Milhem, ZL1AY who passed his exam. Welcome to the Branch.

Remotely Controlled Station:

Selwyn has earthed the K3 and assures us that the previously reported noise level has been eliminated. He has written a beginners guide to its operation when it is connected to RCForb. Registered users will be given a copy.

Auckland Council Unitary Plan:

NZART is ready to make its unified submission to Auckland Council about the Unitary Plan. The particulars are published on <http://www.qsl.net/zl1bq/page13.html> Now is the time for **EVERY AMATEUR** to make their supporting submission. The format for this is set out elsewhere in this newsletter. Simply print the page, fill in you name and send it before the deadline of 28th February. Amateurs need to be seen to be consistent in their requirements about antennas, and they need to show the amenity value of their activity for the good of their community. A fund is being pledged by Branches and private Members who realize that all present and future Amateurs must fight inappropriate regulations that would curb the enjoyment of our hobby.

Subscriptions:

The sub remains at \$45.00. A raffle ticket will be issued to all subscribers who pay before 31 March 2014. This is for the hard back 2013 edition of the ARRL Handbook—a magnificent prize. The procedure is simple. Go to our web home page at <http://www.qsl.net/zl1aa/> Under the heading Subscriptions, click on the link **Membership Application / Renewal form** Fill it your details then click on **Submit by E-mail** An E-mail is automatically sent to the Treasurer. To make the Treasurer's job easier, make your payment by direct deposit to Bank account 12-3407-0076823-00 PLEASE include Name and Callsign in the detail fields. Alternatively, post your cheque to Box 18003 Glen Innes, 1743.

Auckland Branch 02, NZART (Inc.)

Minutes of Committee Meeting

Date / Time / Place: Tuesday 4th February 2014 / 1940 hours / Clubroom

Attendees: George ZL1TUJ presiding, Steve ZL1FS, Wallace ZL1WAL, Gwynne ZL1AAR, Ray ZL1AJR, Japie ZL1JJN, Wes ZL3TE, and visitors, Selwyn, ZL1BC, Logan ZL1LMN, and Carolyn Nicoll.

Apologies: Robert ZL2RED who has resigned to attend education course this year.

Minutes: of the Committee meeting on Tuesday 3rd December 2013 (See Newsletter Christmas 2013)

Approved ZL1WAL / ZL3TE

Minutes: Ratification of the AGM 10th December 2013 (See Newsletter Christmas 2013).

Arising: George ZL1TUJ was elected as AREC section leader (not Steve). Japie ZL1JJN is the Deputy.

Ratified ZL1WAL / ZL1TUJ

Correspondence In:

- Newsletters: Franklin, North Shore (by post); Hibiscus Coast; Auckland VHF Group (by e-mail);
- Submission to Auckland Unitary Plan. See web page <http://www.qsl.net/zl1bq/page13.html>
- Robert Dean ZL2RED – departing from Auckland
- Selwyn ZL1BRC – Various reports about Remotely controlled station, band conditions, visitors, etc.
- Subs – 8. (Tickets for the raffle of the 2013 ARRL Handbook will be issued at end of March).
- Selwyn – Remote station management policy issues

Received ZL1TUJ / ZL1AJR

Correspondence Out:

- James ZL1KNI – Remotely controlled station – forwarding various applications by overseas Amateurs. (One had pleaded for a few days delay if he was required to fly in to attend a new members joining ceremony).
- Wes ZL3TE – Various contributions to the Newsletter

Approved ZL1TUJ / ZL1JJN

Finance:

- Finance Report for January 2014.
- The Bank balances do not reflect our liability of \$1,605 to the Fighting Fund v Unitary Plan.
 - Selwyn for his donation of a new (silent) router for the network of PCs.
 - Wes for the crystals to be used for the two new foxes and 5 new gel cell batteries for all the foxes.
 - Wes for 2 x 5.5m lengths of 213 coax with silver UHF connectors.
 - Steve for plumbing fittings.
 - Logan for a PC to be used for general purpose. It runs fast.

Approved ZL1WAL / ZL1TUJ

Expenses requiring approval:

- | | | | | |
|----------------------|-----------|---------|---------------------------|------------------|
| • Broadband | Orcon | \$75.00 | Direct debit | Usage 1.6 / 30Gb |
| • Lawns | R Higgins | \$36.80 | for November | |
| • Lawns | R Higgins | \$73.60 | for Dec 2013 and Jan 2014 | |
| • Hardware for Tower | Steve | \$97.30 | | |

Approved / ZL1TUJ / ZL1WAL

- Authority to pay Lawn mowing account as it is received
- Budget for 2014: This will produce a loss of \$1,000 by year end unless rigs are sold. Steve will test the market for the Kenwood 450TS and Kenwood 480HX rigs.
- Reinvestment of Term Deposit: Reinvest \$5,000 with Kiwi Bank at 4.1% for 12 months

Approved ZL1TUJ / ZL1FS

Approved ZL1WAL / ZL3TE

Approved ZL1WAL / ZL1AJR

General Business:

Progress reports:

- AREC: George described his participation in Comms support at the Hunua Ranges Bicycle Race. Japie has filed a report with AREC Manager.
- Maintenance:
 - Possum - The cage (and a banana) is to be put above the ceiling trapdoor.
 - Painting – North wall. The scaffolding will be shifted.
 - New giant bamboo poles are being sought - preferably from a nearby grove.

Feb. Committee Minutes (Continued on page 6)

Feb. Committee Minutes (Continued from page 5)

- Computers / network:
 - Logan ZL1LMN was thanked with acclamation for networking the PCs, and speeding them up. software.
 - The PC located behind the door is for Members general purpose use.
 - Skype camera has been repositioned.
- Remotely operated station:
 - Policy documents will be rewritten to confine attention to "Receive only".
 - Overseas membership fee and revision of Constitution is to be considered at the next meeting
- Examinations – pass by Ayman Milhem ZL1AK
- Tower: design of foundation – done. Boxing is available for pickup. Pour concrete – end of February.

Minutes of Committee Meeting February 2014 (Continued)

• **Future Events:**

- NZ Amateur Day – 15th February 0900 – 1200 hours. This clashes with our JWFD preparations.
- Fox hunting for Orienteers' mid-week after-work events in parks this summer:
 - Mon 10 Feb Ellerslie Racecourse, Ascot Avenue start after 5 pm.
 - Wed 12 March Auckland Domain, Maunsell Road (east of the Museum)
- Inter-branch Fox hunt: 15th March 2014 starting at Wallace's QTH 24 Dingle Road using 80 m foxes.
- Whangarei Car Rally 12-13 April required AREC Comms support.

• **JWFD:**

- Manager: Wes, ZL3TE
- Antennas: Single 40m loop and folded dipole for 80m. Poles are to be erected on 15th February morning before General Meeting at 1350 hours. Wes said that he will be with ZL3IO near Napier for the ARRL International DX CW contest.
- Catering – organized.
- One team only. Operators should volunteer directly to Wes at zl3te@dxer.com preferably this week.

• **Submission to Auckland Council Unitary Plan**

Wallace's letter to the authors making suggestions to add to the submission:

- Write a track change document that uses our words rather than the planners' words.
- Start Part A with "Context" because it is easier to comprehend
- In Part B, delete quote of "best height = 19.9m." Rely on the paper's range 15m to 32m and ask for the high end of it because of our place in the world to get DX.
- Include photo of vertical inverted delta loop that requires two poles.

Approved to be sent ZL1TUJ / ZL1AJR

• **Nomination for Committee**

Logan Nicoll ZL1LMN

Appointed with acclamation ZL1TUJ / ZL1WAL.

The meeting concluded at 2145 hours with supper supplied and served by Ray, ZL1AJR

Radio Amateur Operator 50 to 51 MHz access

The Ministry recently updated radio spectrum licence number 4122 to allow Radio Amateur Operators to operate in the 50 to 51 MHz band without applying to RSM for permission. Radio Amateur Operators can now operate in this band anywhere in New Zealand in accordance with the terms, conditions and restrictions of licence number 4122 in SMART.

The Fox hunting page

by Wallace, ZL1WAL



Bulletin No 1 To all IARU societies

Dear friends,

The Kazakhstan Federation of Radio sport and Radio amateur is pleased to invite ARDF competitors as well as guests from all over the world to 17th World ARDF Championships which will be held in Burabay, Kazakhstan in September 2014. We take this opportunity to invite not only your competitors but also your radio-amateurs and fans of this radio-sport as well. They will have a chance to enjoy the unique natural beauty of Kazakhstan and also our hospitality. We are honoured to hold the competitions of such a high rank for first time and we will be happy to welcome you on the hospitable land of Kazakhstan.

Kazakhstan Federation of Radio sports and Radio amateur (KFRR)

Venue: Situated 220 km north of Astana, the Burabay area has been termed the 'Kazakh Switzerland', although the mountains qualify only as steep hills. The dense pine woods, strange rock formations and scattered lakes, however, are in stark contrast to the surrounding flat steppe.

Transportation to the venue: Final destination is Astana city, capital of Kazakhstan. International Airport Astana is located 220 km away from the venue. Organizers will provide transfers to the venue and back upon request.

Accommodation: The accommodation will be organized in Sport-hotel complex, located in wildlife park Burabay. The Sport-complex is the biggest and the most modern in Burabay.

Weather: The weather at this time of the year is stable, sunny, with daily temperatures 12-18 degrees Celsius. In September occasional rain is possible.

Terrain: The competition areas are in close proximity to the event centre. It takes about 20-30 minutes by bus. The competition area is mostly forest, at an altitude of between 400-600 meters asl. **IOF Maps will be used.**

Programme of the Competition:

6 September, Saturday – Arrival for classics (as well as for all events)

7 September, Sunday – Training on 80m and 2m bands, official opening, Working Group meeting, Team Leaders meeting;

8 September, Monday – First classic competition, awarding;

9 September, Tuesday – Cultural event, Working Group meeting;

10 September, Wednesday – Second classic competition, awarding, arrival for Sprint and Fox Oring;

11 September, Thursday – Training for Sprint and Fox Oring competitions, in the afternoon Sprint competition*, awarding**;

12 September, Friday – Fox Oring competition*, awarding**, Closing ceremony and banquet;

13 September, Saturday – Departure

* will be only individual ranking;

** medals and certificates.

Entry fee and terms of payment:

The following options depend on the status of the participants, needs of accommodation/full board, and date of payment:

a) Participation fee (for competitors and Team officials only) – €40 (Euro) per competition day;

b) Full package for competitors and Team officials:

6-13 September - €490 if paid till 30 June or €540 if paid after 30 June, includes participation fee for Classic, Sprint and Fox Oring competitions accommodation, transportation to the start and from the finish, maps, and banquet;

6-11 September – €410 if paid till 30 June or €450 if paid after 30 June (includes), includes participation fee for classic competitions, accommodation, transportation to the start and from the finish, and maps;

10-13 September - €330 if paid till 30 June or €360 if paid after 30 June, includes participation fee for Sprint and Fox Oring competitions, accommodation, transportation to the start and from the finish, maps, and banquet;

c) Full package for guests/visitors (out of participants and Team officials):

6-13 September €330 if paid till 30 June or €370 if paid after 30 June, includes accommodation, transportation to the start and from the finish, and banquet.

6-11 September €330 if paid till 30 June or €370 if paid after 30 June, includes accommodation and transportation to the start and from the finish.

10-13 September €250 if paid till 30 June or €280 if paid after 30 June, includes accommodation, transportation to the start and from the finish, and banquet.

Visa requirements: The citizens of some of countries expected to take part in the Championships do not need visa to enter Kazakhstan. Those societies that need a visa will be informed accordingly, on receipt of their letter of intent.

Important Notes: Letter of intent will be available via website at the beginning of March. Please log in and fill in the form by 31 March at the latest. All the additional information and following Bulletins will only be distributed to those societies that have responded and only to the contact person nominated in the Letter of intend. The information will also be available on the website of the Championships <http://ardf2014.kz>

Contact: fax: +7 (7172) 539848 phone: +7 (701) 2450606 e-mail: ardf2014@kfrr.kz
postal address: box 88, Astana city, Republic of Kazakhstan, 010000

KEEPING ZL1AA ON THE AIR

(Editor: Your Committee has accepted a challenge in finding ways for the club station to be more active this year and moving forward beyond 2014. ZL1AA has not been as active in recent years as we once were. Here are a few words from one of the club's supporters)

For years, many Branch members who attend the clubrooms have defaulted under one object of our Constitution which is to operate a transmitting station. As a result, the name Selwyn has become widely known overseas as the principal voice of ZL1AA. Selwyn will not be around forever. His health has been improving, at some point he will need to focus more on his health, which means possibly stepping back from operating ZL1AA as regularly as he currently does.

"I do not speak here of contest operation, the "5/9 100 QSL?" type messages, though these may be part of operational activity, but ordinary conversation type QSOs which appeal to many overseas amateurs who seem to enjoy intelligent conversation with Kiwis who in a remote corner of the Pacific speak quality English."

The first step is to overcome any microphone shyness you may have about talking to strangers. Forget it! Those strangers are very friendly types, and the ZL1AA callsign is attractive.

Second, is to come to terms with the FT-1000MP or other transceiver in use. With very little guidance, this is easy once you learn, or know already, basic transceiver operation. We are unlikely to go too sophisticated.

Third, is to understand operation on the HF bands. Stick to the easy QSOs for a start. I and others are available to give guidance at that level or any more advanced level of which our present location and equipment is capable. It is your responsibility to advance your own skills – no one can do that for you.

Fourth - **HAVE FUN**

HF PROPAGATION FACTORS

May I point you in the following published articles, all of which are freely available on the ARRL web-page. From these you can build up and later expand your own frame of reference.

The ARRL reference is <http://www.arrl.org/propagation> which contains links to:- Propagation: The Basics, The Sun, the Earth, the Ionosphere Understanding Solar Indices which are comprehensive enough to start with. For techniques and tricks for 28 Mhz, and 50 Mhz operation, these are best learned with a tutor who knows those bands.

If you need help with propagation questions, please ask someone with experience, and please learn to use Auckland Branch equipment to get more enjoyment from your hobby. That's what it is there for. Let's keep ZL1AA on the air more frequently.

73

Selwyn, ZL1BRC – November 2013

Bill, N7OU and Rocky, NE7D will be staging a DXpedition from Port Vila, Vanuatu (OC-035), between 11-25 February, 2014. Callsign to be announced. QRV on 160-10m, CW only, using verticals on a north-facing shore and 500w amps. They will also participate in the ARRL DX CW Contest (15-16 February) as a Multi-Single entry. QSL via their home calls. Logs will be uploaded to LoTW. [TNX DX World]
