



New Zealand Association of Radio Transmitters

ZL1AA - AUCKLAND BRANCH 02

FEBRUARY

2015

👉 **Jock White FD Meeting** 👈

SATURDAY FEB. 21 @ 13:30 Hrs
Two separate operations may occur.

Join the interesting discussion
Club Room will be open at 10:30 AM



NOTICE: JWFD FEB 28 / MAR 01

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
jjnel@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:
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)-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
achatz@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.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.

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 advice 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>

Feb 21-22

- ARRL DX Contest, CW: Feb 21 / 22
- REF Contest, SSB: Feb 21 / 22
- JFeld Hell Sprint: Feb 21
- Russian PSK WW Contest: Feb 21 / 22
- High Speed Club CW Contest: Feb 22
- SARL Digital Contest: Feb 22

Feb 25-28

- CWops Mini-CWT Test: Feb 25 / 26
- NCCC RTTY Sprint: Feb 27
- CQ 160-Meter, SSB: Feb 27 / Mar 1
- UBA DX Contest, CW: Feb 28 / Mar 1
- NA QSO Party, RTTY: Feb 28 / Mar 1
- Jock White FD: Feb 28 / Mar 1

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 Annual General Club Meeting

On: Thursday, 18th December 2014 at 1945 hours
At: Clubrooms

Present: Gwynne ZL1AAR, (presiding), Wes ZL3TE, Wallace ZL1WAL, Logan Nicoll ZL1LMN, Ray ZL1AJR, Japie ZL1JJN, Selwyn ZL1BRC, Bob ZL1AFU, Simon ZL1SWW, Nigel Trickett ZL1TJR, Nenad Cosic YZ1KEP, and Mrs Christine Watson. George ZL1TUJ attended later.
as was recorded in the Attendance Book.
Apologies: Steve ZL1FS, Spenser Maxwell ZL1BBQ, Paul Barratt ZL1AJY, Sustained ZL1AAR / ZL3TE
Minutes of the General Meeting on 2nd September 2014 (left on the table at October General Meeting)
Taken as read and accepted ZL1WAL / ZL1JJN

Minutes of the General Meeting on 18th October 2014 will be considered at the first General Meeting in 2015.

Minutes of Previous Annual General Meeting on 8th December 2013 at Clubroom.

Having been circulated was taken as read ZL1AAR/ ZLWAL

Arising: Bob Murphy ZL1AFU attended the meeting
The AREC Section Leader is George Marr ZL1TUJ (not Steve)
Accepted ZL1AAR / ZL1WAL

Reports:

Presidents Report: Although already circulated, Gwynne read out George's report in his absence:

Arising:

Reports following each Fox Hunting event appear in the next newsletter after each event.

Branch policy (April 2014) about the remotely controlled station confines its operation to receive only with privileges to tune the K3 given only to financial Branch Members registered on its host.

Selwyn offered to distribute his 2 page "K3 Operators Guide" (presently undergoing revision) in lieu of George sending out the 78 page K3 manual to users.

The K3 and host computer are the property of George and are on loan to the Branch.

Applications for funds from Lottery is considered not to be as fruitful as from Pubs Charities whose next cut off for applications is 9th January 2015. Rather than wait for their next quarterly cycle we should apply now.

Received ZL1WAL / ZL1AAR

Treasurers Report:

Taken as read ZL1AAR / ZL1LMN

Arising:

Wallace amended his report by saying that the accounts have been audited.

Whereas a loss was budgeted for 2014, \$100 excess Income over Expenditure was made.

The Budget for 2015 recommended to the incoming Committee, aims to break even

Accepted ZL1AAR / ZL1WAL

Nominations:

President: Steve Miller ZL1FS

Elected unopposed ZL1AAR / ZL1AJR

Vice President: Wes Printz ZL3TE

Elected unopposed ZL1AAR / ZL1AJR

Secretary: Wallace Bottomley ZL1WAL

Elected unopposed ZL3TE / ZL1SSW

Treasurer: Wallace Bottomley ZL1WAL

Elected unopposed ZL1AAR / ZL1AJR

Committee:

Ray Chapman ZL1AJR

Japie Nel ZL1JJN

Gwynne Rowe ZL1AAR

George Marr ZL1TUJ

Logan Nicoll ZL1LMN

Nenad Cosic YZ1KEP

Elected unopposed ZL1WAL / ZL3TE

Nominations (Continued) :

Auditor: .Mrs Christine Watson

Elected unopposed ZL1WAL / ZL1AAR

(Minutes of Annual General Club Meeting continued on page 7)

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

Date / Time / Place: Tuesday 2nd February 2015 / 1930 hours / Clubroom

Attendees: Steve ZL1FS, Wes ZL3TE, Wallace ZL1WAL, George ZL1TUJ, Gwynne ZL1AAR, Japie ZL1JJN,
Logan ZL1LMN, Nenad YZ1KEP, Ray ZL1AJR, and visitor Mrs Nicolls

Apologies: Selwyn ZL1BRC Sustained ZL1FS / ZL1AAR

Minutes: of the previous Committee meeting on Tuesday 2th December 2014 Arising:

- Corrections needed to be made JWFD date. It is 28th February and 1st March
Accepted ZL1LMN / ZL1AJR

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
- Selwyn re NZART 2001 Guidelines for internet connected stations
- John Burton re exam (since passed)
- Selwyn with details of candidate Oliver Wardecki.
- NZART JWFD Contest Manager – approval to use Branch 79 for a B team.
- Correspondence Out:
- Wes ZL3TE - Contributions to the Newsletter
- NZART nomination of Logan as Young Amateur of the Year (2014)
- NZART JWFD Contest Manager – requesting to use Branch 79
- John Burton re exam dates. Received and approved ZL1WAL / ZL3TE

Finance:

- Finance Report: Accepted ZL1WAL / ZL1JJN
- Expenses requiring approval:
- o Donation to Musick Point Radio Society for use of repeater \$150.00
- o Donation to VHF Group \$100.00 Approved ZL1WAL / ZL3TE
- Reinvestment of Term Deposit (\$5,513.89) with Kiwi Bank. Approved ZL1WAL / ZL1JJN
- Components for sale: Steve reported little interest from TradeMe.
- Application for funds from Pubs Charity: Applications are accepted monthly. We shall apply for
- o Solar large panel;
- o 30A Regulator;
- o Tent.
- Budget: The budget prepared by the 2014 outgoing Committee breaks even and will be adopted.

General Business:

- Steve outlined policy for 2015, that the Branch should tackle projects that have a practical outcome.
- Reports of past events:
- AREC: Hunua Ranges Cycle RaceSat 17th January: George and Wallace took part at a check point while Logan provided comms for First Aid truck 4. Power of hand held sets was barely adequate.
- Fox hunting event at Lloyd Elsmore Park on 28th January. Would be participants were already exhausted after their Orienteering run, and politely elected to consider trying it next time.
The 80m gear was working well, but first timers were apprehensive about operating the direction finding radios and finding the bearings.
- Electricity: The power is back on.
- Meter reading will be done at each Committee Meeting.
- Solar panels already installed will continue to be used. Another panel is required, together with a 30A regulator if funds are granted by Pubs Charity.
- Maintenance:
- Painting north wall – to be scheduled in March. Scaffolding required from Steve.
- Level floor – scheduled by Steve using his 10 ton jack for Sunday 22nd February.
- Corner pile supporting under-floor access door. Nenad will supply post by 14 Feb.

(February Committee Minutes Continued on page 6)

- Antennas:
- Tower: A champion is required to fit the rotator and quad. Gwynne has stored them
- It could be used for the Remote station.
- Cable length from HF2 along the fence-line required is 30m + 15m + 12m = 60m. Either 9405 rotator cable or tow bar and electric cable will do for the rotator. We may have enough coax .
- 40 m centre pole: It may be extended temporarily with bamboo pole to make it a flat top.
- Bamboo poles: 4 are stored and need to be varnished. More poles are required.
- Dress rehearsal to erect the loop antennas on 21st Feb (before JWFD).
- A vertical could be mounted on the Nally tower, unless it is not used elsewhere.
- Computers / network
- Reevaluate Woosh .
- Obtain cost of naked broadband.
- George suggested that an ISP should be asked to make a wifi spot available at the exchange.
- A low power Atom PC board to host K3 is being boxed by Logan and fitted with a power supply to be used to host the K3 remote station.
- Remotely operated station: Discussion about policy deferred until next Committee meeting.
- QSL cards: Ray will continue to answer those not already taken over by Selwyn.
- Nets: After 19th February, both VHF and HF will be run on Thursday at 1930 and 2000 hours respectively. This is subject to Musick Point approving the earlier time. (Steve to confirm with Ray).
- It would be desirable to make /obtain a voice bridge to combine them.
- (See http://www.barrettcommunications.com.au/tactical/bro_pdf/PRC-2064_English_V5.pdf)
- Future Events:
- JWFD 28th February - 1st March (not 21st - 22nd as erroneously recorded).
- Fox hunt – Inter-Branch ARDF Competition - 21st March in the vicinity of clubroom. Steve has layout of the Pony Club area and will obtain permission.
- Speakers: Gary Bold ZL1AN might be our next speaker.
- Other Branches' newsletters will be perused for their previous speakers on such subjects as: Coax termination; Battery charging; Dongles; Favourite antennas, satellite, etc.
- Newsletter: Required by next week end so as to announce the next General Meeting event.
- JWFD:
- Wes needs an 80m CW operator, so he will ask a non-branch member to join our elite team.
- 40m and 80m Loops are preferred.
- A beginners' team is favoured on the north side of Apriana Park Reserve walking distance away from the Clubroom where meals will be provided.
- A second generator is available.
- Japie will make his van available in case of rain, nevertheless some shelter is needed.
- Steve would prefer to use the vertical antenna (perhaps with a wire extension).
- Branch 79 (Howick in recess) is available for a single station 80m SSB operation. Any operator's call-sign may be selected.
- Confident operators and logging assistants may join the elite group as rostered.
- ZL100ANZAC:
- This call-sign and ZL1ANZAC call-sign will be available as Branches support this WIA project.
- Auckland will offer to roster operators for 3 days starting after 25th April.
- Volunteers should e-mail Wes.
- A pile up is expected, so computerised logging will be essential.

The meeting closed at 2015 with supper provided by Mrs Nicolls.

Nominations (Continued) :

Non-Committee responsibilities:

Newsletter: Wes Printz ZL3TE

AREC Section Leader: George Marr ZL1TUJ

Deputy AREC S/L: Japie Nel ZL1JJN

Web Master: Andrei Chatalov ZL1TM

Net Master: Ray Chapman ZL1AJR

QSL cards: Ray Chapman ZL1AJR

Technical Advisor: Simon Watt-Wyness ZL1SWW

Librarian Gwynne: Rowe ZL1AAR

Computers: Logan Nicoll ZL1LMN

Trustees of call sign ZL1AA: Wes Printz ZL3TE, George Marr ZL1TUJ Elected unopposed ZL1AAR / ZL1WAL

Subscriptions:

That the subscription remain at \$45.00 p.a. discounted by being given a raffle ticket (worth \$5.00) if paid by 31st March 2014. Student subscription remains at \$20.00 p.a. Approved ZL1WAL / ZL1AAR

Donations:

That donations remain at:

\$150 to Musick Point Radio Society

\$100 to Auckland VHF Group

Approved ZL1AAR / ZL1WAL

Change to the Auckland Branch Constitution:

That the words "audited", 'Audit' and 'Auditor' be changed to read "reviewed", 'Review' and 'Reviewer' in Sections 12, 18 and 19 respectively, of the Branch Constitution. Approved unanimously ZL1WAL / ZL1TUJ

Nomination of Young Amateur of the Year:

That Logan Nicoll ZL1LMN be nominated for consideration by NZART Councillors for Young Amateur of 2014.

Approved ZL1WAL / ZL1AJR

General Business:

Electricity: Reconnection is becoming a matter of urgency. After 6 months an inspection will be required and may necessitate replacement of our meter-board. The Pony Club report that they have not been able to get Ian Campbell, Commercial Property Manager of Auckland Council Property Limited, to take responsibility. The next step is to make an approach to a Councillor or Ward Representative, say Mrs Disley Simpson by George.

Meanwhile Steve is making the clubroom resilient to power outage by installing solar cells and upgrading the 12v supply. Applications will be made to Pub Charities for new batteries, more solar panels, larger inverter and associated components.

Recess:

No announcement should be written on the gate. Either a newsletter or email announcement is required to be made to our Members stating the next open Saturday in 2015.

Call sign ZL100ANZAC: Application for use of this call sign for one week will require considerable commitment by our Members to cope with the pileups that this will cause. The Incoming Committee will consider this project involving a logging system, QST cards, etc.

NETS: The incoming Committee will be charged to review times and encourage check in for participation by our Members in the weekly net(s).

The meeting ended at 21:30 hours with supper provided by the Committee and Mrs Christine Watson.

Jock White Field Day 2015

I am sorry to announce that due to work commitments, I will not be able to participate in JWFD 2015 with ZL1AA. Please contact Gwynne, ZL1AAR if you would like to help out. I highly encourage those interested to contact Gwynne, as this year will be an interesting one.

73 es GL, Wes, ZL3TE

Te Puke Amateur Radio Club Inc.

Branch 53 of NZART

Annual "Junk SALE"

Saturday, March 7th, 2015

Paengaroa Community Hall.

Old Coach Road, Paengaroa.

(GPS Coordinates: 37.49S 176.24E)

Venue open from 06.30am, Sale time 10.00am

\$20.00 for a 1.8 Table, \$25.00 on the day. \$12.00 for a ½ Table, \$15.00 on the day.

WARO meets at 10.30am

Overnight Parking For Motorhome's (Please advise by Phone or Email)

Hot Breakfast from 07.30am (\$9.50).

1 Sausage, 2 Rashers Bacon, 2 Eggs, ½ Tomato, 2 Pieces Toast, Tea or Coffee.
Also available Sandwiches, Cakes, Tea / Coffee, all at reasonable prices.

For further information & Table Booking's, Contact Syd Rowe ZL1LWR
Phone (07) 533 1029, Mobile: 0272488664, Email sydrowe@xtra.co.nz
Postal Address: 223 State Highway 33, RD 9, Te Puke 3189.

Remotely Piloted Aircraft Systems/Drones

Remotely piloted aircraft systems (RPAS) must use the right radio frequencies, so they don't cause harmful interference to vital radio systems such as air traffic control, cellular phones, or emergency services.

People who use the wrong frequencies for their RPAS can be prosecuted under the Radiocommunications Act 1989 and the Radiocommunications Regulations 2001.

The most commonly used frequencies that are legal for RPAS in New Zealand are 433 MHz or 2.4 GHz for remote control, along with 5.8 GHz for video and audio links. RPAS can use any of the frequencies in the General User Radio Licence for Short Range Devices and the General User Radio Licence for Aeronautical Control. These are the only frequencies that RPAS are permitted to use in New Zealand.

RPAS must also comply with the licence conditions set out in the General User Licences and the Radiocommunications (Radio Standards) Notice 2010.

Because most RPAS equipment is developed offshore, it often exceeds the frequency and power limits required in New Zealand, and so it is illegal to possess or use here.

If you intend to buy an RPAS, ask the supplier for evidence of compliance with New Zealand requirements. This will be shown on the product by a supplier code number (SCN) or R-NZ label.
<http://www.rsm.govt.nz/consumers/remotely-piloted-aircraft-systems-drones/>