



New Zealand Association of Radio Transmitters

ZL1AA - AUCKLAND BRANCH 02

APRIL

2017



General Meeting



SATURDAY APR 22 @ 13:30

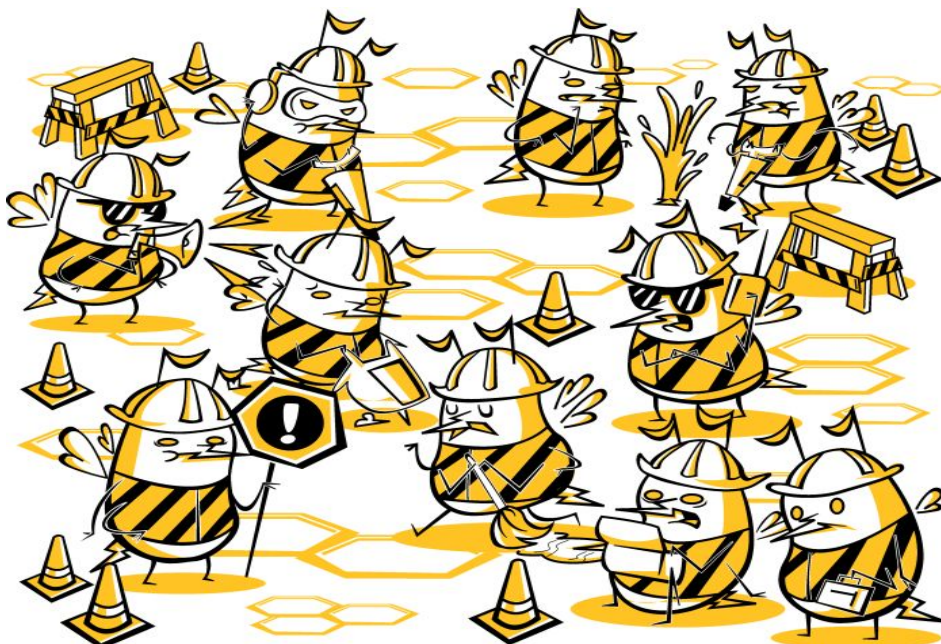
HF Bands Flat and Noisy

Feel like getting out and about?

Club Room will open at 10:30 AM

BBQ @ 12:00

This Saturday will be a Clubroom Working Bee There will be plenty to keep all entertained



PLEASE RETURN THE 2016 ARRL HANDBOOK

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:

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

Vice President:

George Marr, ZL1TUJ
gmarr@ix.net.nz

Secretary:

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

Treasurer:

Jeff Lowe ZL1TOU
jeffjanet51@gmail.com
(09) 630-0213

Elected Members:

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

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

Steve Miller, ZL1FS
dion4cy@gmail.com
(09) 908-5589

Japie Nel, ZL1JJN
jjnel@orcon.net.nz

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

ZL1AA Information:

Branch 02 Clubroom is located at
400 St Johns Road
St Heliers, Auckland
(Off the 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:

Wednesday:
145.775 MHz @ 1930 Ray, ZL1AJR NCO
Wednesday:
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

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 28th Feb 2017)
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 November 31 October

❖ 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](mailto:ZL3TE@dxer.com) I will use what I can with the space available at the time of newsletter editing.

From The Chair...

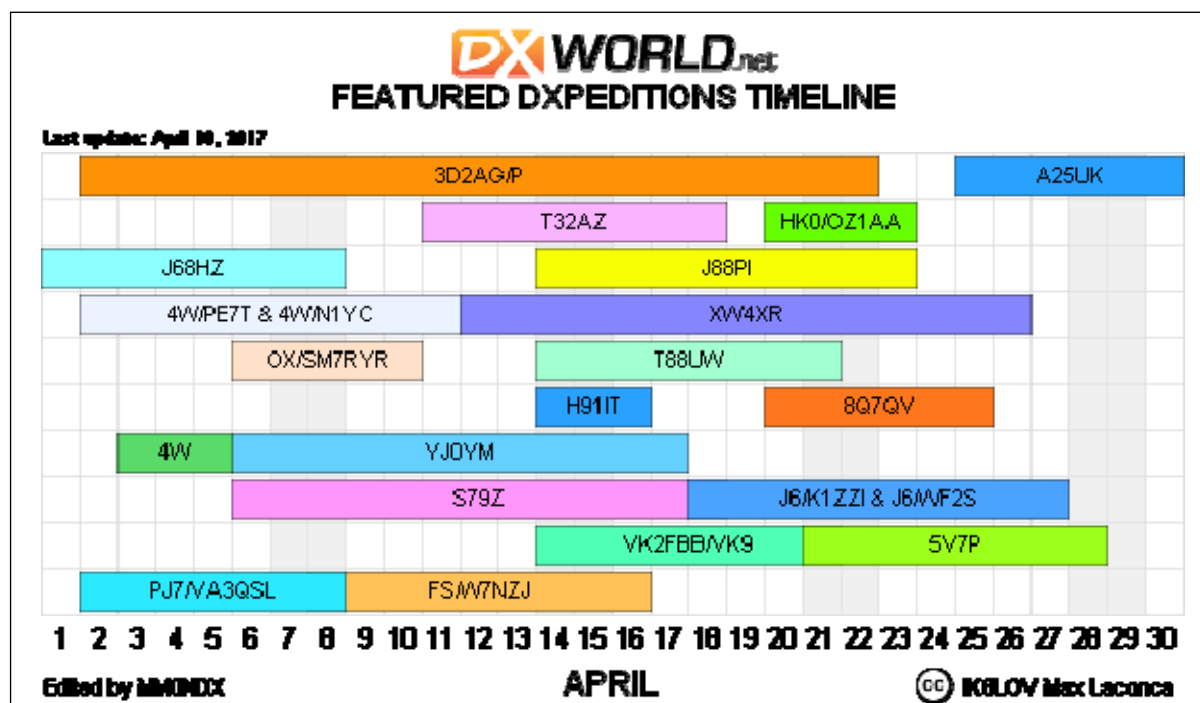
Bula! I have returned from the tropics of sunny warm Fiji, where the daily temp was 30 Deg. This was the 6th time I have operated from 3D2, and each time is a new experience. The only change this year was the addition of the IC-7300, which played very well. Propagation was not as good, but made for an interesting time. I still managed to wrangle 1600 contacts into the log over 4 days.



You may have noticed we have moved this month's meeting to the 4th Saturday to accommodate the Easter Holiday weekend. Just as well we moved it as it would have been wet for the Working Bee. Hopefully, this weekend will be much better. Please see page 7, where you will find a list of items which have been on the to do list for a while. Please come along and help out where you can.

Whomever has borrowed the 2016 ARRL Handbook please return it ASAP. You may return anonymously if you wish.

73, Wes, ZL3TE



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>

APR 17-24

- SP DX RTTY Contest: Apr 22 / 23
- UK/EI DX Contest, CW: Apr 22 / 23
- Nebraska QSO Party: Apr 22 / 23
- BARTG Sprint 75: Apr 23
-
-

Apr 25-30

- Feld Hell Sprint: Apr 29
- 10-10 Int. Spring Contest, Digital: Apr 29 / 30
- Helvetia Contest: Apr 29 / 30
- Florida QSO Party: Apr 29 / 30
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-

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 March Committee Meeting

Place / Date / Time: Clubroom, Tuesday, 7th March 2017 at 1934 hours

Attendees: Wes ZL3TE (presiding; Wallace ZL1WAL, Jeff ZL1TOU, Gwynne ZL1AAR, Ray ZL1AJR, Japie ZL1JJN, Steve ZL1FS, Logan ZL1LMN, Peter ZL1XA, Olivier ZL1XS, Jonny M6HVV, and Carolyn Nicholl.

Apologies: George ZL1TUJ

Sustained ZL1WAL / ZL1FS

Minutes: of the previous Committee meeting on Tuesday 7th February having been circulated Accepted ZL1JJN / ZL1AJR

Correspondence In:

Newsletters: Franklin, North Shore, Papakura (by post); Hibiscus Coast; Auckland VHF Group (by e-mail)
Branch reflector of Newsletters from North Canterbury, Hastings / Napier, Rotorua, Hamilton, Gippsland, Radio ZS
Catherine Macken re tower at Murrays Bay
John Leach consent to use Pasifica's stored water bases for JWFD. Consent to reveal combo lock number.
ATEED Leisa Siteine will instruct drivers to put gate padlocks in series. Combo number is in magnetic box at gate.
Paul ZL1AJY as ZL1XH reporting his experience on JWFD included photos of his station in his tent.
Infoline – Hamfest at Papakura branch at 0930 hours on 11th March
NZART- Break-in and CD of Call-book
Jeff ZL1TOU - backup copy of spreadsheet of financial account.
Post Office – Invoice
KiwiBank – Confirmation of reinvestment (\$6,000)

Correspondence out:

Andrei ZL1TM / George ZL1TUJ – re airport pickup to clubroom on JWFD.
Jeff ZL1TOU – Spreadsheet of Financial Accounts for Feb 2017
Catherine Macken re tower at Murrays Bay
John Leach, i/c storage shed containing Pasifica event stuff, asking permission to use bases for poles.
Auckland Council ATEED (Leisa Siteine) – Asking her to instruct drivers about properly padlocking the gate.
Received and approved ZL1WAL / ZL1AJR

Finance:

Finance Report – Nov 2016 to Mar 2017. Jeff ZL1TOU, reported
Expenses requiring approval:

| | | | |
|----------------|------------------------|----------|---------------------------------------|
| Wallace | Batteries for fox hunt | \$50.00 | |
| Wallace | Cleaning portaloo | \$40.25 | |
| NZ Post | Post box rental | \$175.00 | |
| Carolyn Nicoll | Catering for JWFD | \$100.00 | Received and approved ZL1LMN / ZL1AJR |

General Business:

Reports:

Review of JWFD:

Wes (who had apologized) was missed by the team on the day, with the effect that setting up seemed to be disorganized without knowing plans; rigs and power supplies to use, etc.
No photos were taken of well-performing antennas.
On Friday Gwynne ZL1AAR cranked up the tower to support an 80 m inverted dipole. It had 50 ohm match and SWR 1:1 at 3.6 MHz.
A 40m loop was at 12 m on bamboo poles, the same as last year.
Thanks to George (as Uber driver) for fetching Andrei ZL1TM from the airport
80 m CW contacts = 207; SSB = 180
Harry ZL4ND stood in for Wes. He operated CW on 40 m = 132 contacts, SSB = 137.
Few other Branches participated. Search and Pounce was crucial strategy to get all the multipliers (35)
Logs are proving difficult to convert.
Propagation on 40m was poor, and without a filter, was picking up splatter from the 80m tent.
Meals catered by Carolyn and her mother were excellent.

AREC:

Soren, as Deputy Section Leader, was introduced at a recent meeting
The DMR radio gifted to the branch was found to have been damaged and does not work.

Visitors:

None

Exams: Jonny Bannister and Arron McLaughlin will be ready to sit exam later in March.

QSL: A VK confirmed his contact during JWFD, sent an eQSL

Nets: The net controller is setting up RCForb

Newsletter: Material for publication includes:

Deadline of 18th March for Subs discount (in the form of a raffle ticket for the ARRL Handbook)
Request for return of this handbook that has been "borrowed"
Report by Wallace of fox hunt that was won by Harry ZL1LD held after the last General meeting.
SOTA announcement

(March Committee Meeting Minutes Continued on page 5)

Membership:

A revised list is posted on the notice board each month; now showing 18 subs paid.
Steve will follow-up of Members whose subs have not yet been paid.

Computers / network / phone line:

PC on board table was donated by Wes and USB keyboard by Ray.
Experiment with ISP (2 degrees) by Simon ZL1SWW and Soren ZL1SKL has proved successful.
The Vodafone account is on a monthly basis (presently costing \$66.49 /month for 80 Gb.
It will not be cancelled until 2 degrees has been trialed. Cost is \$20 /month for 20 Gb.

Projector: Manual – where is it? Fan noise need to be traced before mounting projector on the ceiling.

Meter reading: 49406.4

Maintenance – Working bee tasks:

Power outlets on South and East side of building – materials purchased.
Projector mounted on Ceiling – work in progress by Steve ZL1FS.
Wattle trees have been felled and cuttings are stacked ready for disposal.
More wattles on east boundary need to be cut, area leveled and grassed. Steve has donated a weed-wacker but it needs a new pull cord.
Ross Scarborough offered to operate a digger if we hire it for half a day.
Water pipe needs short extension and final burial.
Steps – materials purchased – some wood-work ability is needed to fit them.
Painting west wall – to be scheduled this summer – Lyndon has volunteered, and scaffolding is ready.

Remotely controlled station

Running well with more users
Subcommittee to meet again soon to finalize policy and publish it.
Meanwhile, HF operators in the clubroom may power the K3 off (and turn it on again as they leave).
Its AC power supply (owned by George) has gone missing. Logan will follow up.
RCForb is running on the general purpose PC; therefore it may be demonstrated to intending users.

Antennas:

Nally tower: Wes has tested rotor and controller and microprocessor. It needs a Molex 6 pin connector.
Until the Quad antenna is mounted, there are three halyards to hoist dipoles, slopers, 160 m, whatever.
Wes will obtain a balun from W2AU.
A trench for conduit and coaxes needs to be dug.
Tower at Murrays Bay – Steve and Japie assessed feasibility to dismount it. Japie made a tripod hoist.
Beach Road is very busy; so parking a truck there needs to be brief and will be done a week later.

Occupancy:

Meeting with ACP to resolve ownership of building – not yet scheduled.
Licence is overdue its annual review.

Contest:

Commonwealth CW contest on 11th March starting 2300.
There are North Island and South Island teams.
Peter ZL1XA will operate at the Clubroom as ZL1AA.
Wallace and Peter erected the Nally tower at full height (20 metres).
The amplifier needs a voltage inverter or relay.

Future Events:

Raffle draw on 18th March – deadline for subs due. Who has “borrowed” the prize ARRL Handbook?
The guest speaker is David Probine talking about F&P smart drive motors used a generator.
Soren intends to invite all Branches to participate in a Saturday SOTA event very soon.
The April General Meeting will be held on 22nd April (being the 4th Saturday – Easter in on 3rd Saturday)
This is the best time for a working bee to complete all the tasks described above.
Jonny Bannister offered to make a presentation on 20th May of his DMR and PC used for mobile.
ARDF Inter-branch Competition to be scheduled (Branch 29 report no progress with 2m gear redesign)
Other suggestions are requested for entertainers / speakers for general meetings 2017

Other business:

None.

The meeting closed at 2155 hours with supper provided by Ray and Carolyn Nicholl.

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

Place / Date / Time: Clubroom, Tuesday, 4th April 2017 at 1955 hours

Attendees: George ZL1TUJ presiding, Wallace ZL1WAL, Jeff ZL1TOU, Gwynne ZL1AAR, Japie ZL1JJN and Olivier ZL1XS

Apologies: Wes ZL3TE, Logan ZL1LMN, Steve ZL1FS (at sea), Jonny M6HVV Sustained ZL1WAL / ZL1JJN

Minutes: of the previous Committee meeting on Tuesday 7th March 2017 circulated Accepted ZL1WAL / ZL1AAR

Arising:

Prize for raffle is missing. The next newsletter must ask whoever has borrowed the ARRL Handbook 2016 edition, must return it.

Gwynne will be away in April, so an alternate chef is needed for BBQ and working bee volunteers.

Correspondence In:

Newsletters: Franklin, North Shore, Papakura (by post); Hibiscus Coast; Auck VHF Group (by e-mail)
Branch reflector of Newsletters from North Canterbury, Hasting / Napier, Rotorua, Hamilton, Gippsland, ZS.
Vodafone advice that we are on monthly contract (pay in advance) and we may keep the modem.

Correspondence out:

Steve ZL1FS – Membership list

NZART Web master – amend Branch name to “Auckland” (delete “Radio Society”) Received and approved ZL1WAL / ZL1AAR

Finance:

Finance Report – Nov 2016 – April 2017.

Payments (already approved) to: Wallace ZL1WAL \$85.00 and Carolyn Nicholl \$100.00

New expenses requiring approval.

Donation to Musick Point Radio Society \$150.00

Donation to Auckland VHF Group \$100.00.

Control Cable for rotator 300 feet' allow \$300.00

Approved ZL1TOU / ZL1TUJ

Raffle: 29 tickets are ready to be drawn, just as soon as the prize is returned.

Reports:

Review of General Meeting: Lecture and demo by David Probine ZL1TND about power generation.

AREC: Comms operators are needed for World Master Orienteering event at Woodhill Forest (towards Helensville). This is a major two week international event with thousands participating from overseas

Newsletter: Wallace will edit the next newsletter while Wes is away in Fiji operating the JA DX contest. WIA Editor assures us of cooperation to get author's consent to reproduce their articles in our newsletter.

Membership: Steve ZL1FS is doing a good job as almoner by ringing Members. 29 have paid subs.

Computers / network / phone line: Decision to change to Skinny, hosted by Xtra, with 4G \$40 for 40 GB is pending a test with Skinny. Simon has made the router but needs a 12v DC 2A noise free wart.

HF1: The power supply has been blowing fuses. Amplifier needs voltage inverter. Experience required.

Meter reading: 49556.8

Exams / Visitors/ QSL: Nothing to report.

Remotely controlled station

Sub-committee is yet to meet again to finalize policy before ratification by Committee.

Net controller has RCForb installed at his QTH

Selwyn ZL1BRC is being helped by Ayman ZL1AK to track noise and improve earthing.

Antennas:

Nally tower is at its full height. It has 3 rope halyards.

Quad project is ready to start. The rotator and microcontroller has been tested.

Control cable (6 conductors) and molex plug needs to be purchased.

Trench for coax and control cable can be dug later.

Tower at Murrays Bay. Inspected; ready to be taken down; transport later.

Future Events:

15th April (being the 3rd Saturday) is Easter, so there will not be a General Meeting then.

15th April Woodhill forest Comms support. And again on Wed 26th, 27th and Sat 29th April.

22nd April Working bee. Put your name against a task listed on the white board in the clubroom.

20th May - Jonny will demonstrate DMR and his portable rig. Discuss and vote on NZARTremits.

SOTA expedition - Soren ZL1SKL is planning a multi-summit expedition (to be advertised).

3rd June NZART Conference in Rotorua. Gwynne will be attending.

17th June – Wes is to confirm that John Martin ZL1GWE is available for “Intruder watch monitor” lecture.

15th July – Suggest that we ask David Probine ZL1TND to talk to us again.

20-25th August Region 3 ARDF Competition at Nairamdal, Mongolia. Cost US \$600 + Visa \$230

The meeting closed at 2130 hours.

(April Committee Meeting Minutes Continued on page 7)

Working bee maintenance tasks for 22nd April.

Power outlets on South and East side of building – materials purchased.
Projector to be mounted on Ceiling – fan noise is tolerable
Remaining wattle trees need to be felled. Cuttings are stacked and may be taken away for firewood.
Water pipe to be extended and buried.
Steps – materials purchased (bring a saw).
Painting west wall (paint and brushes available)
Affix mesh to gable entrance (to shut out the possum family)
Down spouting needs to be secured.
Vacuum the floor

