



New Zealand Association of Radio Transmitters

ZL1AA - AUCKLAND BRANCH 02

FEBRUARY

2017



General Meeting



SATURDAY FEB 18 @ 19:30

It's That time of year again

JOCK WHITE FIELD DAY

Club Room will open at 10:30 AM

BBQ @ 12:00

JOCK WHITE MEMORIAL FIELD DAY

FEB 25 / 26

Time to pull out those Low Band Antennas



JWFD FEB 25 / 26 2017 PLEASE SUPPORT ZL1AA

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 I will use what I can with the space available at the time of newsletter editing.

From The Chair...

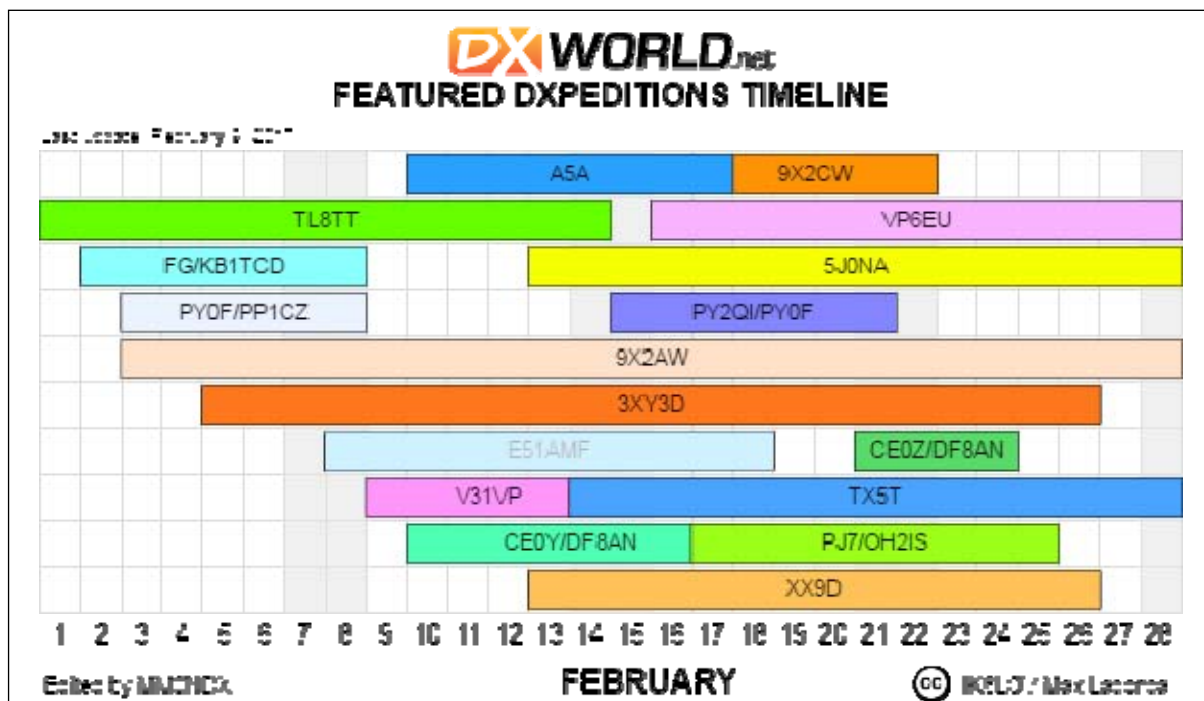
I trust all had a nice holiday season, and possibly some time to get out of town or the Country. Not only do we welcome the Western New Year, the Lunar New year celebrations have just finished. 2017 is the year of the Rooster.

Please welcome your new committee for 2017. You can see a list of those elected and appointed to various positions starting on page 6. You will also notice a few open appointments. If you would like to contribute more to the club, and would like to fill one of the open positions, please feel free to contact any of the Committee members. We look forward to having a great year.



As you are aware, it is February, and that can only mean two things ARRL DX CW Contest, and Jock White Memorial Field Day. As JWFD is on Feb 25/26, I would like to ask for your support to either Assist in setting up, Operating, packing everything away, or assisting with keeping the operators fed and watered. Let's all pull together again and keep the Montgomery Cup at ZL1AA.

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>

Feb 12-19

- CQ WW RTTY WPX Contest: Feb 11 / 12
- ARRL School Club Roundup: 13 to 17
- PODXS 070 Club Valentine Sprint: Feb 14
- ARRL Inter. DX Contest, CW: Feb 18 / 19
- Novice Rig Roundup: 18 to 26

Feb 20-27

- CQ 160-Meter Contest, SSB: 24 to 26
- Jock White Field Day 25 / 26
- REF Contest, SSB: 25 / 26
- UBA DX Contest, CW: 25 / 26
- North American QSO Party, RTTY: 25 / 26

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 Committee Meeting

Place / Date / Time: Clubroom, Tuesday, 6th December at 1930 hours

Attendees: Wes ZL3TE presiding; Wallace ZL1WAL, Gwynne ZL1AAR, Ray ZL1AJR, Japie ZL1JJN, Logan ZL1LMN, Lyndon ZL13DWF, Jeff ZL1TOU and Members Steve ZL1FS, Selwyn ZL1BRC, Olivier ZL1AAW, and visitor Jonny Bannister M6HBD.

Apologies: George ZL1TUJ. (He wanted to attend, but cannot get his wheelchair in).

Sustained ZL1WAL / ZL1AJR

Minutes: of the previous Committee meeting on Tuesday 1st November 2016.

Accepted ZL1WAL / ZL1JJN

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.
Jonathan Bannister M6HBD – arrived in NZ and is now living in Tarawera Crescent
K Birt – Auckland Unitary Plan hearing of “Objection to definition of Height” will be attended.
NZART Info line – Call book on CD ROM will be late.

Correspondence out:

Notice of AGM: Sent to all people on our Distribution list stating that only Members may vote.

Wes – re method of getting Members to pay subscriptions.

Received and approved ZL1WAL / ZL1AJR

Finance:

Finance Report – Final Account for year ending 31st October has been reviewed.

Finance Report for November was tabled.

Only 4 transactions: Component sales \$484, Sub \$45, Telephone \$79 and Occupancy cost \$39.

Accepted ZL1WAL / ZL1JJN

Expenses requiring approval:

Steve for plumbing fittings \$86.00

Gwynne for ARRL Handbook \$121.03

Wallace for keys (4 sets) \$84.00

Approved ZL1WAL / ZL1AJR

Refund negotiated with Vodafone \$54.50

Budget to be recommended to the incoming 2017 Committee was tabled.

General Business:

Reports:

Review of previous 3rd Saturday: Steve explained history of receivers.

AREC:

4 volunteers have committed to marshal comms at SCRAM Hunua Ranges Bike race on Saturday 14th January 2017

5 Members have provided photos for ID badges. The relevance of Amateurs to assist Civil Defence and /or SAR is being reduced. The Fire Department have been given more powers.

Infoline reported that comms support was given by Daniel Ayres ZL1DFA in Waiau, the epicenter of the recent 7.8 earthquake, and the Mt Noble repeater was relied on for several days.

Visitors: A welcome was given to Jonny Bannister M6HBD, who will transfer his licence to NZ GURL

QSL: We get so many cards because we had decided not to send our Members' list. Selwyn is assisting.

Nets: About 5 regulars check-in each week on each band.

The net controller needs help to set up RCForb so that he can listen on the remote. QRM is so bad at his QTH that he cannot hear. Much time is spent relaying messages and giving explanations about his neighbour's plasma TV. Perhaps this discourages participation in nets.

While the 145.775 Musick Point repeater has been down, Steve has initiated the VHF net by announcing that we use simplex. Not everybody has sufficient power to participate.

Contests:

Simon ZL1SWW requested use of the Club call-sign for last week's VHF and above contest.

H night - AM mode on Thursday 8th December 1930 to 2200 – 5 half hour sessions.

A request by Andrei ZL1TM to use the Club call-sign and the Remote Station all Christmas day was consented, subject to agreement by the other Trustee, George ZL1TUJ. Wes will liaise and organize that the beam is connected and is oriented towards Russia for this contest.

Newsletter: An announcement of the AGM (next Tuesday 13th Dec) will include incentives to attend:

Guest speaker Sharon from ICom will explain how to distinguish real from fake radio products.

Door raffle (tickets \$5.00 – prize latest hard-back ARRL Antenna Handbook).

Computers / network / phone line:

PC on Board table needs driver for Adaptor;

Wallace will install Microsoft Office suite 2007.

Projector: Its bulb needs to be replaced by Logan.

(December Committee Meeting Minutes Continued on page 5)

Maintenance

Steps – materials have been purchased. Steve could not make a commitment.
Power outlets on South and East side of building – materials have been donated. Lynton offered to help.
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 SE corner need to be cut, area leveled and grassed. Steve will ask to borrow the Pony Club's tractor and blade. There is debris surrounding the Nally tower that has to be disposed of.
Water pipe has been rerouted by Steve to protect it from damage by mower.
Painting west wall – to be scheduled this summer. Lyndon volunteered, subject to others being present in the interests of safety while working on the ladder or Steve's scaffolding.

Collecting subscriptions

Incentives were discussed at length. Collecting subs at the AGM is ideal (and historically was so). This year Members will be incentivized by the AGM door raffle for the ARRL Antenna book and guest speaker.
Subs can be paid at the 2016 price (\$45) at or before the AGM. For this amount, a raffle ticket (\$5) is given. Thereafter subs for 2017 will be decided during the AGM – and they might increase.
The draw of the raffle for the ARRL Handbook will occur at the General Meeting on Sat. 18th March 2017. Afterwards, invoices will be sent to Members with outstanding subs and the 15 Member in arrears.
It is argued that notices in the newsletter and e-mails are not as effective as an invoice arriving by post.

Remotely controlled station

The Subcommittee met last month, but the final draft of policy is not yet ready for publication.
The "No contesting" rule was abandoned in favour of stipulating that session times should be limited to half hour. This means that serious contesting may prove to be impractical if there is more than one Operator logged on and wanting to use the station. They need to negotiate through the chat window.
RSM has reviewed use of internet connected Amateur radio, and made no changes (Feb 2016).
NZART guidelines "*Internet and Amateur Radio*" were last revised in 2001. These include:
 "There must be no opportunity or possibility for unlicensed persons to gain unauthorized access..."
 "... person bringing material into the amateur network shall do so under that person's amateur radio call sign as sender." Suffix it with "/Remote" and "ZL1" to identify origin of RF to meet DXCC rules.
RCForb – Client needs to be running on the general purpose PC to enable a demonstration of it.

Antennas:

Tower: Wes is returning the rotor, controller and microprocessor this week-end.
A pole will be needed to support cables between the Nally tower and the clubroom.
Raising heights of the dipoles to max. 18m, would give no improved performance. Nevertheless, the poles of the 40m dipole need strengthening and if replaced, could be heightened then.

Occupancy:

Meeting with ACP to resolve ownership of building did not occur. Review of the Licence to Occupy was expected on its anniversary, 22 October.
The lease of 400 St John's Road has a clause requiring access to be given to the Pony Club and NZART.
Wallace will request Auckland Council to have the hedge trimmed alongside the ROW.
A neighbouring resident, having had consent to do some gardening, was made aware of our phone line where he had been digging.

Future Events:

AGM Tuesday 13th December at 1930 hours
 Nominations for Committee / appointments.
 Treasurer will be Jeff ZL1TOU.
 Steve will consider the role of Membership Secy /Registrar Contact /Liaison /Almoner.
 Guest speaker Sharon Dawson, ZL1TJU, of ICOM NZ.
 Raffle draw for new hard-backed ARRL Antenna book.
ARDF Inter-branch Competition. Not held this year. Awaiting two 80m transmitters to be commissioned.
Sale of rigs and components is better done by hiring a table at other venues, rather than stage a meeting at our Clubroom or hire a local hall.
No suggestions for entertainers / speakers for general meetings 2017 were offered.

Other business:

Notice of AGM should have stated under Nominations; "*Committee (max 5).*"

The meeting concluded at 21:25
Supper was served courtesy of Ray ZL1AJR.

Auckland Branch 02, NZART (Inc.) Minutes of 2016 Annual General Club Meeting

Place / Date / Time: Tuesday 13th December 2016 starting at 2040 hours
Clubrooms, 400 St Johns Road, St. Helliers

Present: Wes ZL3TE presiding, Wallace ZL1WAL, Gwynne ZL1AAR, Logan ZL1LMN, Ray ZL1AJR, Japie ZL1JJN, Jeff ZL1TOU, Steve ZL1FS, Selwyn ZL1BRC, Bob ZL1AFU, Robert ZL2RED, Ian ZL2ATD, Olivier ZL1AAW, Jim ZL1TGS, Mrs Nicoll and guest speakers: Sharon Dawson ZL1TJU and Theo Theo Kalkandis ZL3APT / VK3AP
As recorded in the Attendance Book.

Apologies: Lyndon ZL3DWF, George ZL1TUJ, Soren ZL1SKL, Martyn ZL3CK. Sustained ZL1WAL / ZL1AJR

Minutes of Previous Annual General Meeting on Tuesday, 8th December 2015 at 1935 hours.

Arising: Incorrect day of Meeting (Tuesday not Thursday);

Bob ZL1AFU was shown twice as attending.

Accepted ZL1WAL / ZL1JJN

At 1940 hours and before the meeting started, guest speakers Sharon Dawson ZL1TJU, and Theo Kalkandis ZL3APT / VK3AP from ICOM, presented a program to explain the differences between Real and Counterfeit Amateur radio Products.

Reports:

Presidents Report: Wes read out his report. Highlights included:

Thanks to Committee for support and to other volunteers; Remote Station is working again after ISP problem in 2015, Policy about its use is nearly ready for ratification, Winner of Montgomery Cup (again); 3rd in Memorial Contest Under Mixed Mode; ZL1AA has been active on the air; Awards from the ARRL DXCC Desk for 20m and SSB; LoTW has been uploaded. Clean up of clubroom; sales of pre-loved gear; Wattle trees removed (that were touching the 80m dipole).

Received ZL1WAL / ZL1AAR

Finance Report: The reviewed Income and Expenditure Statement, Balance Sheet and the Treasurer's Report having been circulated, were taken as read. The Treasurer made remarks about unpaid subscriptions. Questions were answered to the effect that 18 unpaid subs (\$800) were a worry especially now that we are faced with the new expense of Occupancy (\$600). The accounts broke even by not insuring the contents of the clubroom (\$780). Ownership of the clubroom is unresolved.

Received ZL1WAL / ZL1JJN

Thanks go to Mrs Christine Watson for reviewing the accounts.

Received ZL1WAL / ZL1AJR

AREC Report: Japie reported as follows:

The Whangarei car rally, The Coromandel car rally, and The Hunua SCRAM bike race were supported.

Jackets have been received, IDs for 5 people have been applied for. 2 AREC meetings have been attended.

Received ZL1JJN / ZL1FS

Nominations:

President: Wes Printz, ZL3TE
Vice President: George Marr, ZL1TUJ
Secretary: Wallace Bottomley, ZL1WAL
Treasurer: Jeff Lowe, ZL1TOU
Committee: Ray Chapman, ZL1AJR
Gwynne Rowe, ZL1AAR
Japie Nell, ZL1JJN
Steve Miller, ZL1FS
Logan Nicoll ZL1LMN

Elected unopposed ZL1FS / ZL1JJN

Elected 6/3/3 ZL2RED / ZL1WAL

Elected unopposed ZL1AJR / ZL2RED

Elected unopposed ZL1WAL / ZL1FS

Reviewer of Accounts: Mrs Christine Watson

Elected unopposed ZL1WAL / ZL3TE

Trustees of Call-sign: Wes, ZL3TE and George, ZL1TUJ

Elected unopposed ZL1WAL / ZL1FS

Elected unopposed ZL1WAL / ZL1FS

Minutes of Annual General Club Meeting 2016 (Continued)

Appointments:

AREC Section leader Japie, ZL1JJN

Deputy AREC S/L Soren, ZL1SKL (subject to his agreement)

Membership Secretary Steve, ZL1FS

New appointment to liaise with our rarely seen Members

Contact person Gwynne, ZL1AAR

(Minutes of 2016 Annual General Club Meeting Continued on page 7)

Technical advisor	Simon, ZL1SWW
Newsletter Editor	Wes, ZL3TE
Web Master	Andrei, ZL1TM
Remote Station Mgr	Logan, ZL1LMN
Inventory Valuer	Steve, ZL1FS
Librarian	Gwynne, ZL1AAR
QSL respondent	Soren, ZL1SKL
SOTA leader	Soren, ZL1SKL
Net Master	No appointment
Maintenance	No appointment
Antennas	No appointment
ARDF Convenor	Wallace ZL1WAL
Contests	Wes, ZL3TE

Raffle: ARRL Antenna Handbook 2016

Tickets (\$5) were sold at the door upon arrival and raised \$125.00. Guest speaker Sharon Dawson was asked to draw from the hat. Wes announced the winning ticket Which was held by Ray Chapman, ZL1AJR with acclamation.

Other Business

George ZL1TUJ is recuperating and will be mobile in a month or two. QSL forwarding is available only to financial Members of the Branch. We get sent so many QSL cards for people that we do not know. Wes will liaise with ZL1 buro. The incoming Committee is asked to rotate the role of Net Master and reconsider day / time. The quad antenna and rotor is ready to install.

Maintenance required is becoming extensive, so that working bees are to be held this summer:

- Replace front steps,
- Painting west facing walls,
- Clear up grounds by implement shed.
- Nally tower and quad antenna project.

The Clubroom will not be attended on 24th and 31st December and 7th January 2017.

The meeting concluded at 2200 hours.



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

Place / Date / Time: Clubroom, Tuesday, 7th February 2017 at 1930 hours

Attendees: Wes ZL3TE (presiding), Wallace, ZL1WAL, Jeff, ZL1TOU, Gwynne, ZL1AAR
Logan, ZL1LMN, Japie, ZL1JJN, Steve, ZL1FS and guests: Olivier, ZL1AAW, Jonny, M6HPD.

Apologies: George ZL1TUJ (pro forma)

Sustained ZL1WAL / ZL1LMN

Minutes: of the previous Committee meeting on Tuesday 4th December 2016 as circulated

Accepted ZL1LMN / ZL1AJR

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, Eastern and
mountain District Radio Club (EMDRC). Australian Clubs are revolting against WIA management for their inaction.
D Birt – Auckland Unitary Plan hearing of “Objection to definition of Height” did not affect Amateurs
NZART request for webpage directory updates
Stuart Watchman – Certificate for ZL1AA as winner of JWFD 2016.
KiwiBank – Advice of Maturity of Term Deposit

Correspondence out:

Soren ZL1SKL, – re alternative ISP as suggested by Simon ZL1SWW.
NZART - Directory update
Andrei ZL1TM – ZL1AA web site directory update.
Jeff ZL1TOU – Spreadsheet rolled over to start 2017 Financial Accounts
Steve ZL1FS – Membership list

Received and approved ZL1WAL / ZL1AJR

Finance:

Finance Report – Nov 2016 – Feb 2017.
Income & Expense Report (as circulated) plus Sub from Ian Robinson ZL2ATD
Balance Sheet (as circulated)
Authority given for Simon ZL1SWW to spend \$150 for SW7304 card to experiment with router for use with 2
Degrees cellular network.
Allow term deposit held at KiwiBank maturing 11 Feb 2017 to roll over.
Budget for 2017, recommended to the incoming 2017 Committee (as circulated).
We need to make an application for a grant from Pubs Charity so that we can afford to run the remote station for
the benefit of Members. This will include coax, \$550, control cable \$350 and ISP \$900 p.a.

Received and approved ZL1TOU / ZL1WAL

General Business:

Reports:

AREC:

SCRAM at Hunua Ranges on Saturday 14th January 2017 was assisted by four Members.
Meeting at Branch 66 is to be held on Thursday evening 9th February.
CD policy is against using volunteers. Japie tabled article about CD blocking convoy of 4WD club loaded
with essential supplies to take into Kaikoura over the original razorback road.

Exams: Passes by Gavin Tucker ZL4GT and his son Zach ZL1TJZ. Wallace is to contact them.

Nets: Ray will convene monthly roster of controllers. Multiple listeners can login to the remote station.

Membership:

The Membership list is replaced each month on the notice board. It shows financial status. Wallace will
give Steve the file of previous year's dunning letters for subs not paid by 18th March when raffle for the
latest ARRL hard-back handbook is drawn at the General Meeting then.

There is a need to record Members' sign off that they have read the “dos and don'ts” in the general
instructions in the Safety Manual (kept in a wall fixture above the BBQ in the Kitchen).

Computers: Wes presented a PC to be used for presentations from the Boardroom table. This will replace the
Two aged computers at the front of the clubroom.

Received with acclamation.

Phone line:

Simon has offered to experiment with router for use with 2 degrees cellular network. Expressions of
dissatisfaction about reliability of 2 Degrees were heard. The phone line is considered to be too important
to abandon – especially in times of disaster.

Projector: Its noisy fan needs fixing before mounting it on the ceiling.

Meter reading: 492065.5

(February Committee Meeting Minutes Continued on page 9)

Maintenance

Power outlets on South and East side of building – materials purchased. Deadline July.
Solar Cell panel – to be mounted and wired in to new (bigger) regulator.
Projector mounted on Ceiling – work in progress by Steve ZL1FS.
Wattle trees have been felled and cuttings are stacked ready for disposal. Wes will do.
More wattles on East boundary need to be cut, area leveled and grassed.
Water pipe has been realigned but needs extending half meter so that it can be buried and tony lidded.
Auckland Council reviewed site for maintenance for next 10 years. Contact Basil Green, Auckland Council.
The steps were noted. Materials have been purchased for a working bee project.
Painting west wall – to be scheduled this summer.
A meeting is to be scheduled to resolve ownership of clubroom.
Our object is to buy back our clubroom building for \$1.00 which will be a win-win with Council.

Contests:

JWFD planning for 25-26 February will follow General meeting on 18th Feb. Gwynne offered a frame for the certificate received for winning it last year. Andrei ZL1TM will arrive Saturday evening. Meanwhile Harry Hart ZL4ND will help operate 80m CW. Logan said that his mother would be happy to help cater. However, another person should help provide for Saturday dinner. Steve will ask Christine and give an answer by 18th February.

Remotely controlled station

Subcommittee has to meet again before recommending Policy document for ratification by Committee.
Overseas listeners are to be considered, as Non Transmitting Members.
A demonstration of RCForb client may be seen on the general purpose PC (behind the door).
The power switch for the modem had been inadvertently turned off over the Xmas period.

Tower:

Wes has tested and calibrated the rotor, its controller and microprocessor using PC terminal.
The project to mount the quad may proceed. This is another major working bee.

Future Events:

General Meeting 18th Feb. Wallace will convene a fox hunt within the pony club fields. See details on our ZL1AA web page.
Sale day at Te Puke on 4th March for rigs and components.
Working bees There is much to be done:
Mount quad and rotor on tower, replace steps, block possum access, paint west wall, wire south side points, mount projector, clear wattles, fence and rubbish, level ground, plant grass seed.
ARDF Inter-branch Competition to be scheduled (only after sniffers have been deemed to be reliable) Other suggestions for entertainers / speakers for general meetings 2017 – contact Wes.

.Other business:

Tower for sale:

Wallace tabled photographs taken of a tower built by C Macken ZL1BRQ-SK. It is a fold-over 20mm pipe lattice construction having a 100 mm diameter crank up pole reaching about 18 meters. There is minor rust under some painted welds that require maintenance before re-erecting. Steve and Japie will inspect it on Sunday 12th Feb and report back on the feasibility of disassembling it and transporting it back to the clubroom. This project is regarded as a fund raiser. It should be advertised in our newsletter or NZART Break-in. Now that the Auckland Unitary Plan permits towers to 11m and an extension pole to 18m, demand for it should be assured. Outlay of club funds should be minimal before authorizing this project.

The meeting concluded at 2045 hours with supper provided by Logan ZL1LMN and Ray ZL1AJR