



New Zealand Association of Radio Transmitters

## ZL1AA - AUCKLAND BRANCH 02

November

2020

### SATURDAY 21st November

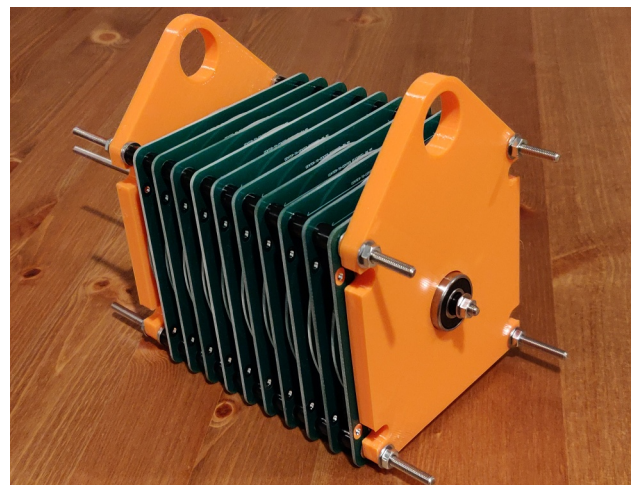
BBQ served at Noon (courtesy of Gwynne ZL1AAR)

General Meeting 1330 hours

**Speaker: Alec Lilley ZL1HAZ**

"Alec Lilley (ZL1HAZ) designs electronic circuits and printed circuit boards for a living, and also as a part of his amateur radio hobby. Electronic projects contain many different components, and managing this can become tricky.

Hobby projects are susceptible to stalling from project management, rather than technical aspects. While Alec still has plenty to learn, he has picked up a few tips and tricks along the way. Alec will share how to execute a project to avoid 'analysis-paralysis'."



**Raffle tickets sold at the door - \$5 each.**

**The prize is the ARRL Handbook**

A low-cost, high-voltage butterfly variable capacitor for a magnetic loop antenna: a project which has stalled due to complexity!

**ZL1AA**  
**Auckland Branch 02**  
**P O Box 18-003**  
**Glen Innes**  
**Auckland, 1743**

**www.qsl.net/zl1aa**  
**ZL1AA@nzart.org.nz**  
**Skype: ZL1AA\_NZ**

## Club Officers

### President:

Jim Smith, ZL1TGS  
JimmyS@xtra.co.nz  
027-492-5152

### Vice President:

Rod Stichbury, ZL1SR  
RodStichbury@xtra.co.nz  
021-355-258

### Immed. Past President:

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

### Secretary:

Wallace Bottomley, ZL1WAL  
Auckland.nzart@gmail.com  
(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

Olivier Wardecki, ZL1XS  
zl1xsnz@gmail.com

Japie Nel, ZL1JJN  
jjnelnz@gmail.com  
021-217-8601

Soren Low, ZL1SKL  
Soren@outlook.co.nz  
021-813-541

Ken Lawrence, ZL1TJL  
ZL1TJL@mail.com  
021-369-514

## ZL1AA Information:

Branch 02 Clubroom is located at  
400 St Johns Road  
St Heliers, Auckland  
Approach from the south then through  
(locked) gate and down right of way.

Google Earth:  
36.869730s, 174.843860e

Clubroom is open every Saturday from  
1030 hrs. for members and guests to drop  
in for a cuppa and a chat.

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

Committee meetings are held on the first  
Tuesday of each month at 1930 hrs.  
Only paid members may attend.

Affiliations:  
10-10 International  
NZART  
AMSAT-ZL

Club nets:  
Wednesday:  
145.775 MHz @ 1930 Steve, ZL1FS NCO  
HF Net on Hiatus

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

## Branch Contact:

Gwynne Rowe, ZL1AAR  
(09) 528-1177

## Branch Examiners:

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

## Web Master:

Andrei Chatalov, ZL1TM  
achatnz@gmail.com

## Librarian & QSL cards:

Olivier Wardecki, ZL1XS  
zl1xsnz@gmail.com

## Station Trustees:

George Marr, ZL1TUJ  
Wes Printz, ZL3TE

## Branch Technical Adviser:

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



## SUBSCRIPTIONS

- ❖ **Subscription Rates:**  
Regular ..... \$45 (discounted with a \$5.00 raffle ticket if paid by 31 Mar 2021)  
Youth Rate \$20
- ❖ A Membership Application / Renewal Form is required with all payments to assist with accurate record keeping, available by downloading [http://www.qsl.net/zl1aa/br02\\_mem\\_form.pdf](http://www.qsl.net/zl1aa/br02_mem_form.pdf) then hit "SUBMIT" to upload it or Post to PO Box 18003, Glen Innes, Auckland 1743.
- ❖ Pay by direct credit 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 to 31 October.
- ❖ Receipts, if requested, will be distributed at meetings or via e-mail.
- ❖ 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@xtra.co.nz. I will use what I can within the space available at the time of newsletter editing.

## From the Secretary ... (Wes is very, very busy)



Since I published our previous newsletter in August, very little has happened that requires publication. This newsletter is likely to be my last, because after a decade as your Secretary and performing various other roles, I have signaled that it is dangerous for the club that I am so long in office. In anticipation of this day, I wrote "**Guidelines**" to answer all manner of questions about the club. This document is to be found on our web site at [www.qsl.net/zl1aa/](http://www.qsl.net/zl1aa/) The home page describes club activities and there is a link to the membership renewal form. The Newsletter tab takes you to the last 10 years of issues that contain minutes of all Committee and General meetings). Data files are being put in the cloud rather than in my PC at my QTH. This ensures a seamless handover to my successor.

The Annual General Meeting is to be held on Tuesday, 8th December at 1930 hours. Its agenda is on the last page of this newsletter. Vacancies on the committee and appointments need to be filled. Nomination forms are printed herein for you to sign acceptance. Get another Member to nominate you, then become the champion of an activity that will inspire others to follow. Who will succeed me as ARDF convenor for "fox hunting" events?



Example of a stalled project - transporting this magnificent SteppIR 36B from Waiheke Island and then mounting it on our Nally tower.



**When** First Sunday **6th December from 9pm to 10pm** NZ time.

**Band** 80m (3.5 MHz)

**Rules** Maximum transmitter output: 100 Watts.

Each station may be worked only once.

All stations must follow **the QSY Rule** which is:

*If a station calls CQ, and makes a contact, they must then leave the frequency at the end of the contact, and move to a frequency at least 2 kHz away.*

### Resources

Log sheets and summary sheets at:

<http://maritimeradio.org/resources/new-zealand-straight-key-night/>

### Contact

[skn@maritimeradio.org](mailto:skn@maritimeradio.org)

### Exchange

RST / Location / Name / Key / Transmitter / Power

Call "**CQ SKN**" (or just "**SKN**") rather than "CQ TEST"

**Scoring** One point per QSO with all the required information

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

**Place:** via Zoom "Auckland NZART" Id = 764-6999-3728  
**Date / Time:** Tuesday 1<sup>st</sup> September 2020 at 1935 hours  
**Attendees:** Jim ZL1TGS (presiding), Rod ZL1SR, Wallace ZL1WAL, Jeff ZL1TOU, Japie ZL1JJN, Olivier ZL1XS  
**Apologies:** Gwynne ZL1AAR, Ken ZL1TJL, Steve ZL1FS  
**Minutes:** Previous Committee meeting on 4<sup>th</sup> August 2020  
• Arising Note correction to payment made (\$99) for seat for the ride-on mower.  
Taken as read and approved ZL1 TOU/ ZL1SR

### Correspondence:

- **In**
  - Newsletters: Franklin, North Shore (contains first of 6 parts about Raspberry Pi), Papakura; Musick Point (by post);
  - Newsletters: Hibiscus Coast; Western Suburbs; Papakura, Westlakes (by e-mail)
  - Branch reflector: Newsletters from North Canterbury, Hasting / Napier, Rotorua, Hamilton, Gisborne, Southland
  - NZART: Amendment to constitution approved by Council
  - Companies Office: Approval of change to constitution
  - NZART Infoline: Conference will be broadcast via Zoom on 5<sup>th</sup> Sept. Request NZART for its Id and password.
  - NZART Break-In
  - Report (by Steve) about various maintenance tasks he has done.
- **Out**
  - NZART Break-in editor: Obituary for Warren Robinson ZL1AIX-SK
  - Companies Office: Amendment to Constitution
  - Andrei: Update web-page with Constitution
  - Ronal Hananto suggesting exam on Sun 31<sup>st</sup> August (now deferred)
  - ASB: Request for Token (for Gwynne to operate Bank Account).
  - Darroch Property Manager: Complaining about steel junk put on our licenced area.
  - NZART Call-book editor: Directory info update.
  - Sean Lin and 8 other candidates advising GURL exam to be held 13<sup>th</sup> September.

### Finance:

- **Finance Report:** 1<sup>st</sup> Nov 2018 – 1<sup>st</sup> September 2020
  - Includes deposits made by Steve while temporarily resident.
- **Approval of expenses:**

• Padlock (gate)	Steve	\$48.00	Authorised by Wallace ZL1WAL (as a matter of urgency)
• Electrical	Steve	174.95	
• Hardware	Steve	<u>68.43</u>	\$291.38
• Hardware	Steve	\$19.48	Approved for payment ZL1TOU/ ZL1JJN Approved but payment deferred until next month.

### Reports:

- **AREC:** NTR
- **Web page:** Updated with Constitution.
- **Visitors:** Nigel
- **Nets:** NTR
- **Exams:** 8 candidates invited to sit GURL exam on Sunday 13<sup>th</sup> September at 1300 hours.
- **Newsletter:** Franklin Branch cited our August newsletter as "Must read".
- **Remotely controlled station:** NTR
- **Membership:** NTR
- **Maintenance:**
  - Light switches moved
  - Ride-on mower repaired
  - Gen set maintained but requires painting
  - Tap at backdoor tub maintained
  - Back door painted
- Gate padlock replaced (which uses the same key as original padlock) Thanks to Steve's initiative
- **Meter reading:** 57143.2

### Other business:

- The Pony Club will use the right-of-way while Section 2 of the Glen Innes to Tamaki shared path is being developed. See <https://at.govt.nz/projects-roadworks/glen-innes-to-tamaki-drive-shared-path/>  
The gate will be moved further down so as to enable trailers to be clear of traffic while the gate is being unlocked.

The Zoom meeting concluded at 2005 hours.

## Auckland Branch 02, NZART (Inc.)

### Minutes of Committee Meeting

Place: Auckland Branch Clubroom  
Date / Time: Tuesday, 6 October 2020 at 1930 hours  
Attendees: Jim ZL1TGS (presiding), Rod ZL1SR, Jeff ZL1TOU, Soren ZL1SKL, Japie ZL1JJN, Ken ZL1TJL, Gwynne ZL1AAR, Olivier ZL1XS and Simon ZL1SWW.  
Apologies: Wallace ZL1WAL  
Minutes: Previous Zoom Committee meeting on 1 September 2020.  
Taken as read and approved ZL1TGS/ZL1TOU

#### Correspondence:

- In Newsletters by post, by e-mail.  
New Plymouth Branch 27. Sale postponed until March 2021.  
Out Auckland VHF Group, Request for receipt for donation, (\$100).  
Notification of exam date and time, to 3 Candidates.

Arising: President Jim, advised that the temporary gate has been removed and the original top gate needs to be unlocked and locked by keyholders as previously done.

Finance: Report 1<sup>st</sup> Nov 2019 – 1 Oct 2020 presented.  
Approval to pay NZART Subscription \$99.00.  
Some Balance Sheet Assets consolidated.  
Budget, Income expected \$3000, Expenditure expected \$7000, Shortfall \$4000 next year.  
Because of the over \$12, 000 raised from Equipment Sales in this financial year, the Treasurer suggested it was not necessary to raise the current membership subscription.  
The two candidates who passed the September Amateur Exam, have both joined Auckland Branch, and as only one month to end of the Club's financial year, their Fees paid, will be valid for the 2020/2021 year.  
Gwynne ZL1AAR, has been asked to provide an ARRL handbook as a raffle prize, as before.  
Gwynne has also submitted the paperwork documents for the supply of a Token, so that in conjunction with another signatory, he can operate the Club's Bank Accounts.

#### Reports:

- AREC: Soren ZL1SKL gave a report on AREC activities.  
Nets: Currently on 145.775 repeater 1930 Wednesday.  
80 meter net on 3.645Mhz currently in recess, though some Branch Members Log on to Geeks Net on 3.655Mhz at 20.00 Wednesday night.  
Newsletter: The Committee would like an October Newsletter or early Nov 2020.  
Meter reading 57365.0 kwh

Antennas: The South wood Pole that supported both the 80m and 40m dipoles was replaced on Saturday 3 Oct. Thanks to Jim ZL1TGS and Rod ZL1SR.  
Gwynne to contact Wes ZL3TE to arrange for rest of the SteppIR to be transported.  
Suggested that Waiheke Transport be used. President Jim has suggested delivery to the lawn of his QTH, then onwards transport to the Club site.  
Payment of these transport costs and the Cost of Antenna rotator have been included in next Budget by the Treasurer.

Future Events: Sat. 17 October 2020. Election Day, The Clubrooms should be open, but no Business Meeting is planned.

Sat. 7 Nov. 2020 Western Suburbs Used Equipment Sale, Rosebank School Hall.

Sellers 0800hrs, Buyers 0900hrs, Closes Midday. \$2 entry fee.

Sat. 21 November 2020 12noon to 1pm BBQ, 1pm General Business.

1.30pm to 2.30pm Speaker: Amateur Satellites and Tracking the International Space Station. Presenter Ian Ashley, ZL1AOX.

#### Health and Safety:

It was moved by Jim ZL1TGS, seconded by Soren ZL1SKL, that "The current Health and Safety Manual dated 17 October 2015 remain operational. Carried unanimous

#### Work Safe Manual:

There was much discussion on this. In general it was considered that it placed too much responsibility on the members, especially on the members of the Committee.  
The Branch needs to consult NZART Headquarters to find out if and how they can be covered against any Incidents or Accidents.

Meeting Closed at 2040 hours

## Auckland Branch 02, NZART (Inc.)

### Minutes of Committee Meeting

Place: Auckland Branch Clubroom  
Date / Time: Tuesday, 3 November 2020 at 1930 hours  
Attendees: Jim ZL1TGS (presiding), Rod ZL1SR, Jeff ZL1TOU, Japie ZL1JJN, Ken ZL1TJL, Gwynne ZL1AAR, Olivier ZL1XS, and Graham Hay ZL1GH observer..  
Apologies: Wallace ZL1WAL, Soren ZL1SKL, Wes ZL3TE.

Minutes: Previous Committee meeting on 6 October 2020.  
Arising: Ian Ashley is unable to speak at Club on 21 November 2020.  
Taken as read and approved ZL1SR/ZL1TJL

#### Correspondence:

- In Newsletters by post, by e-mail.  
NZART-HQ Insurance Certificate  
Neil Sanderson ZL1NZ Straight key night at 9pm to 10pm on Sunday 6 December on 80 metres.  
Dave McIver: Membership application.
- Out Dave McIver ZL1DMC, Welcome letter (from Ken ZL1TJL).  
NZART - HQ Request for latest certificate of Public Liability Insurance.  
President Jim, suggested, that he would like the Secretary to forward to all members, the emailed newsletters.  
Correspondence in was accepted and the outgoing approved. ZL1TJL/ZL1TOU

#### Finance:

Report for end of financial year ended 31 October 2020 was presented.  
Budget: for year ending 31<sup>st</sup> October 2020 was presented.  
Income expected \$3,000, Expenditure expected \$7,000, Shortfall \$4,000 next year.  
The Treasurer suggested it was not necessary to raise the current membership subscription.  
Approval of expenses:  
Transport of SteppIR antenna.  
Gel cell batteries, deferred.  
Linear battery charger kitsets.- Alec ZL1HAZ is to obtain commitments at 21 November 2020, meeting.

#### Reports:

AREC: Soren ZL1SKL report by email was read.  
Web page: Not discussed.  
Visitors: Dave McIver  
Nets: VHF on 145.775 repeater 1930 Wednesday. Graham ZL1GH or Steve ZL1FS will be net controller.  
HF on 3.645Mhz currently in recess.  
Newsletter: The Committee would like a November Newsletter.  
Remotely controlled station: See note re Antennas. (The 80m dipole)  
Membership: Phone tree was not discussed.  
Maintenance: back door has been re-hung and painted.  
Lighting over HF1 needs to be improved.  
Meter reading 57533 6.kwh

#### Antennas:

The 80m dipole has come down on its southern end, and needs reattaching.  
Gwynne to contact Wes ZL3TE to arrange for rest of the SteppIR to be transported.  
Suggested that Waiheke Transport be used, an initially President Jim has suggested delivery to the lawn of his QTH, then on-wards transport to the Club site.  
Payment of these transport costs and the Cost of Antenna rotator have been included in next Budget by the Treasurer.

#### Future Events:

Sat. 7 Nov. 2020 Western Suburbs Used Equipment Sale, Rosebank School Hall  
Sellers 0800 hrs, Buyers 0900 hrs, Closes Midday. \$2 entry fee.  
Sat. 21 November 2020  
12noon BBQ  
1.30pm General Business.  
Speaker: Alec Lilley ZL1HAZ: "An Electrical Engineering Project"  
AGM: 8th December at 1930 hours

#### Succession:

Some Committee Members indicated, that they may not be available, but they would remain as ordinary Branch Members.

#### Honorary Membership:

Ross Scarborough. Approved

Meeting closed at 2038 hours

# Auckland Branch, NZART (Inc.)

## Minutes of Annual General Meeting

**On:** Tuesday 10<sup>th</sup> December 2019 starting at 1935 hours  
**At:** Clubrooms, 400 St Johns Road, Meadowbank

**Present:** Wes ZL3TE presiding, Jim ZL1TGS, Wallace ZL1WAL, Jeff ZL1TOU, Ken ZL1TJL, Japie ZL1JJN, Olivier ZL1XS, Rod ZL1SR, Soren ZL1SK, Bob ZL1AFU, Graham ZL1GH, new Member Dr Carl Laufer (a quorum of at least seven financial Members) and Steve ZL1FS.

As recorded in the Attendance Book.

**Welcome:** Richard and Wendy Binns of RWB Communications Ltd.

**Apologies:** Gwynne ZL1AAR,

Sustained ZL1WAL / ZL1SKL

### Silent Keys:

A one minute silence was observed for Tor Toff ZL1BNX-SK and Warren Robinson ZL1AIX-SK

### Minutes of Previous AGM on Tuesday, 11<sup>th</sup> December 2018.

Having been circulated, approved ZL1WAL / ZL1TGS

#### Reports:

- **President's Report:** Wes read his report

Received ZL3TE / ZL1WAL

- **Finance Report:** Jeff distributed Financial Accounts and read his report. Thanks were expressed for Mrs Christine Watson for having reviewed the accounts.

Received ZL1TOU / ZL1WAL

- **AREC:** Soren read his report and referred to training programs for AREC supporters next year.

Received ZL1GH / ZL1WAL

All reports will be published in the next newsletter.

#### Elections:

Wes vacated the chair; Jim ZL1TGS took the chair

**President:** Vacancy  
**Vice President:** Vacancy  
**Secretary:** Wallace Bottomley ZL1WAL

Elected unopposed ZL1TOU/ ZL3TE

**Treasurer:** Jeff Lowe ZL1TOU

Elected unopposed ZL1WAL / ZL3TE

**Committee:** (max 5) Japie Nels ZL1JJN  
Olivier Wardecki ZL1XS  
Rod Stichbury ZL1SR  
Ken Lawrence ZL1TKL  
Soren Low ZL1SKL

Elected unopposed ZL1WAL / ZL3TE

**Reviewer of Accounts:** Mrs Christine Watson

Elected unopposed ZL1TOU / ZL1WAL

#### Appointments:

**Trustees of Call-sign:** Wes ZL3TE  
**AREC Section Leader** Soren ZL1SKL  
**Deputy AREC** Jim ZL1TGS  
**Membership Secretary** Ken ZL1TKL  
**Contact person** Gwynne ZL1AAR  
**Technical advisor** Simon ZL1SWW  
**Web Master** Andrei ZL1TM  
**Remote Station** Wes ZL3TE  
**Newsletter Editor** Wes ZL3TE  
**Inventory** Jeff ZL1TOU  
**Librarian** Olivier ZL1XS  
**QSL respondent** Olivier ZL1XS  
**SOTA leader** Soren ZL1SKL  
**ARDF Convenor** Wallace ZL1WAL  
**Net Controller** By rotation  
**Tutor** Vacancy  
**Contests** Vacancy  
**Antennas** Branch Members' working bee activity  
**Maintenance** Branch Members' working bee activity

# Minutes of Annual General Club Meeting 2019 (Continued)

- **Special General Meeting**

- After failure to secure acceptance of nominations for President and Vice President, the following was resolved:
- Secretary to call a Special General Meeting (giving 14 days clear notice) for 15<sup>th</sup> February 2020 Agenda:
    - Election of President
    - Election of Vice President
  - Incoming Committee meeting will be held on 4<sup>th</sup> February 2020 where nominations for these positions will be canvassed and acceptance to be obtained from Nominees.

Approved ZL1TGS / ZL1JJN

- **Annual Subscriptions:**

- \$45 which includes \$5 raffle ticket. The prize for the raffle is the 2019 edition of the AARL Handbook. The raffle will be drawn at the Committee meeting on 7<sup>th</sup> April 2020.
- \$20 for full time students who are and under age 25 (the same criteria as for NZART).

Approved ZLTOU / ZL1WAL

- **Donations:**

- Musick Point Radio Society \$150.00 for the use of their repeater
- Auckland VHF Group \$100.00 for the use of their repeater

- **Other Business:**

- **Constitution:**

Wallace reported that he has prepared amendments that will remove anachronisms in six sections of the constitution. These have already been approved by the Committee but now require approval by 3/5s majority of financial Members at a Special General Meeting itemising the proposed amendments in the notice of this meeting. Next, it requires approval by NZART Council before registration with the Companies Office.

- **Guidelines / Policies / Procedures**

This document has been rewritten (at the suggestion of Bob ZL1AFU at last year's AGM) and circulated to the Committee asking for further input and editing. It is a consolidation of previous Committee's decisions and various references likely to be useful for Committee Members' roles. No confidential information is disclosed.

- **The Clubroom will not be attended until:**

- Saturday 25<sup>th</sup> January 2020 after 1030 hours.
- Committee meeting 4<sup>th</sup> February 2020 at 1930 hours.

The meeting closed at 21:55

Supper was served after the meeting with Committee having brought a plate.



## NOMINATION FORM

Auckland Branch Club Station

**ZL1AA**

New Zealand Association of Radio Transmitters.

I wish to nominate.....for the office of

.....

Proposed by..... Date.....

Seconded by ..... Date .....

I accept this nomination.....Date .....



# Annual General Meeting

at Clubroom, 400 St Johns Road, Meadowbank  
on Tuesday 8<sup>th</sup> December 2020 at 1930 hours

**Welcome:**

**Minutes of AGM held on 11<sup>th</sup> Dec 2019**

## **Reports:**

President;  
Treasurer;  
AREC .

## **Elections:**

President;  
Vice President;  
Secretary;  
Treasurer;  
Committee (maximum of 5);  
Reviewer.

## **Appointments:**

Trustee of ZL1AA;	AREC Section leader;
Technical Advisor;	AREC Deputy Section Leader;
Contact person;	Membership Secretary;
Newsletter Editor;	Net Master;
Web Master;	QSL administration;
Antennas;	Remote Station Manager;
Librarian;	Inventory;
Historian;	Maintenance;
Tutor;	ARDF Convener.

## **Subscriptions:**

Members \$45  
Students \$20

## **Donations:**

Musick Point Radio Soc.	\$150
VHF Group	\$100
Klondyke	\$500

## **Other Business:**

Presentation of Life Membership badge to Gwynne Rowe ZL1AAR  
Raffle draw for ARRL Handbook

## **Proxies are allowed**

The instrument appointing a proxy shall be in writing, signed by the appointing Member and the proxy must be a financial member of the Branch. For the proxy to be eligible to vote, the proxy instrument must be deposited with the Chair or Secretary of the meeting before commencement of the business of the meeting and the appointing member must be absent from the meeting.