



New Zealand Association of Radio Transmitters

ZL1AA - AUCKLAND BRANCH 02

OCT / NOV

2015



General meeting



SATURDAY NOV. 21 @ 13:30

Travel back in time to Oct. 2006

ZL8R Kermadec Is. DXpedition video

Club Room will be open at 10:30 AM

BBQ @ 1200

**Logan Nicoll, ZL1LMN
Young Amateur of the Year 2014**



Stuart Watchman, ZL2WT, NZART President presents Logan with his certificate

NOTICE: AGM DEC. 8th 1930 Hours

ZL1AA
Auckland Branch 02
PO Box 18003
Glen Innes
Auckland 1743

www.qsl.net/zl1aa
ZL1AA@nzart.org.nz
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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
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Elected Members

Ray Chapman, ZL1AJR
ZL1AJR@xtra.co.nz
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Gwynne Rowe, ZL1AAR
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(09) 528-1177

Japie Nel, ZL1JJN
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Logan Nicoll, ZL1LMN
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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:
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
Steve Miller, ZL1FS
021 0226-4981

Branch Examiners:

Steve Miller, ZL1FS
021 0226-4981

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Wes Printz, ZL3TE
027 227-7779

Web Master:

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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

Updated 31 October 2015

The Submission Status

There is still no further information on our substantive submission. Decisions on that are not expected until 2016.

The Issue of Definitions

I wrongly reported the meeting on 3 September as being a Definitions Hearing. It was actually a Mediation Session for submitters who wanted clarification of the various definitions. NZART wanted changes to the Definitions of Mast and Height.

The Definition of Mast is:

MAST: Dedicated free standing poles, towers and similar structures that are:

- *fixed directly to the ground, and*
- *designed to support aërials or antennas*
- *erected for the purpose of facilitating telecommunications, radio-communications or broadcasting but do not include support structures used as part of an amateur radio configuration.*

We wanted the phrase "*but do not include support structures used as part of an amateur radio configuration*" removed from the definition, as a back-stop measure in case our main submission failed. If the phrase were removed, it would give Amateurs the same benefits as those enjoyed by every other land-owner in the district. i.e. if our case to provide for large supporting structures for HF or VHF Yagis to be "permitted" failed, then at least we would be able to put up a pole or mast to hold up a wire aerial, like everybody else can, without a resource consent.

The Auckland Planner was singularly unyielding. No way would she change that Definition.

Your Steering Committee therefore decided that we should produce an Evidence Report by 15 October, and attend the formal Hearing on the 9th November 2015.

The basis of our evidence was:

- 1) Baseline Considerations. If any residential landowner is entitled to put up a flag pole or a lighting standard up to 10.66 metres, then that becomes the baseline for considering anyone else wanting to put up a similar pole.
- 2) Enforceability. The restriction on amateurs is essentially un-enforcable, because we could build a vertical antenna that looked like a flag pole, and we could even fly a flag on it, and the Resource Compliance Officer would not be able to determine it was actually an Amateur Radio Configuration.
- 3) Discrimination. Discriminating against amateurs, merely because they have a technical qualification, smacks of being vindictive prejudice, and is as insidious as racial or religious discrimination.

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>

Nov 13-20

- WAE DX Contest, RTTY: Nov 14 / 15
- 10-10 Int. Fall Digital: Nov 14 / 15
- JIDX Phone Contest: Nov 14 / 15
- OK/OM DX Contest, CW: Nov 14 / 15
- AKentucky QSO Party: Nov 14 / 15
- SYO International PSK31 Contest: Nov 20

Nov 21-28

- LZ DX Contest: Nov 21 / 22
- Austrian 160-Meter Contest: Nov 21 / 22
- Feld Hell Sprint: Nov 21
- ARRL Sweepstakes Contest, SSB: Nov 21 / 23
- ARRL EME Contest: Nov 28 / 29
- **CQ WW DX Contest, CW: Nov 28 / 29**

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).

Young Amateur of the Year award - 2014

Nominated by Auckland Branch, New Zealand Association of Radio Transmitters Incorporated

Logan Nicoll ZL1LMN

1. Logan Nicoll initially visited Auckland Branch Clubroom to seek guidance about the Amateur Licence examination which he **passed late in 2013 as a fifteen year old.**
2. Logan's first contacts were made while he **operated SSB on 80m for the 2014 Jock White Field Day Contest in 2014,** thus being part of the winning team of the Montgomery Cup. Set up and knock down of tents before and after the contest was also expected of him. Since then he has carried four 9 metre long green bamboo (heavy) poles from a grove in St Heliers, a 2 Km walk to the clubroom. They will be used to erect a loop antenna for the next JWFD.
3. Logan's attendance at weekly Saturday meets is regular, and he checks in on our weekly HF and VHF nets whenever he can. He offers to help with chores around the clubroom, e.g. boxing and pouring foundations for our Nally fold-over, crank-up tower. After demonstrating his knowledge about, and skill in fixing various Members' PCs, Logan's was given responsibility to **manage the Branch's computer network,** update the software in each of its four PCs, and monitor the surveillance system for the clubroom.
4. Logan has stayed overnight in support of **AREC activity at Rally of NZ check points.** Again he has enlisted to assist Japie ZL1JJN in the 2015 Tour de Ranges cycle race, manning comms at a First Aid Mobile Station. He has participated in bringing **Amateur Radio to the St Heliers Summer Festival,** an annual event.
5. His support of many Branch activities has been with enthusiasm (largely thanks to the support of his parents who transport him to / from our clubroom), so much so that **he was elected to fill a vacancy in our Committee.** He has never missed a Committee or General meeting since.
6. Logan has **built a Yagi antenna** for his 2m hand-held radio. He competed in the Inter-Branch ARDF (fox hunting) Competition held at Cornwall Park in November, finishing as runner up.
7. Logan is taking over the **day to management of our Remotely controlled K3 station.** This is used by Members in noisy environments, in order that they may participate in our weekly HF nets. Plans are afoot to respond to the 180+ overseas applicants wanting to use it as a listening post.
8. In conclusion, Logan Nicoll is a polite, well spoken and cheerful young man, thoroughly at ease with Members of all ages, and generous with his time to assist them and the Branch in its various activities. In his own words: ***"The highlights of my time with Branch 02 have been obtaining my Amateur Radio licence and being voted onto the Committee, a role which I take seriously and I will do my best to fulfill the position of trust that I have been elected to."***

AREC - Bridge to Bridge Water Ski Race - Branch 12, ZL1UX Call for Operators

The annual Bridge-to-Bridge ski race event is to be held on the weekend of 28-29th November, at the Grantham Street Boat Ramp in Hamilton. This is our major AREC activity for the year and we need our member's assistance. If you, or any other amateur operators you know of would like to participate on either or both days - we especially need operators for the long race on Sunday - please contact Mike Sanders, AREC Section Leader Via E-mail at: **zl2mgs@nzart.org.nz** Potential operators don't need to be a Branch 12 member. A handheld/mobile rig with enough battery to last the day and an aerial attached to something to give a little bit of height to help reach the repeater is all that is needed.

Mike, ZL2MGS

Auckland Branch 02, NZART (Inc.)

Minutes of October Committee Meeting

Date / Time / Place: Tuesday 6th October at 1945 hours / Clubroom

Attendees: Steve ZL1FS presiding; Wallace ZL1WAL; George ZL1TUJ; Gwynne ZL1AAR; Japie ZL1JJN; Logan ZL1LMN; Ray ZL1AJR and Mrs Nicoll.

Apologies: Wes ZL3TE

Sustained ZL1AJR / ZL1WAL

Minutes: of the previous Committee meeting on Tuesday 1st September 2015

Accepted ZL1WAL / ZL1FS

Minutes: of Committee meeting on Tuesday 4th August 2015

Accepted ZL1WAL / ZL1FS

Correspondence In:

- Newsletters: Franklin, North Shore (by post); Hibiscus Coast; Auck VHF Group (by e-mail)
- Branch reflector of Newsletters from North Canterbury, Hasting / Napier, Rotorua, Hamilton, Gippsland.
- Selwyn – Congratulations for interesting newsletter.
- North Shore Branch – 14 September sale of gear ex ZL1UB (SK).
- Stuart Watchman – Finalising details of format of our General Meeting on 17th October
- ANON – Quotations for Public Liability Insurance (\$380+GST p.a.); Statutory Insurance (\$110), Contents (\$500).
- NZART-HQ – Public Liability Insurance asking for list of 19 Branches.
- Selwyn (27 pages): Suggestion to change constitution about its Dissolution clause. (See later)
- NZART President Stuart Watchman and Evan Sayer - Advice about Dissolution clause – “Leave it as is”.
- Auckland Council – Licence to Occupy revised. (See later)
- Orcon – Final account and collection procedure.
- Selwyn - Observations about Internet connection; Road-works on Kohimarama Road; Clubroom door lock.
- NZART – Break-in
- Western Branch – Junk sale 7th November 0900 to noon at Roseneath Road Primary School.
- Selwyn – Dissertation about the meaning of the word “or” in the context of the Dissolution clause (See later)

Received ZL1WAL / ZL1TUJ

Correspondence Out:

- NZART-HQ: Public Liability policy.
- NZART- Asking for advice about Dissolution clause in Constitution.
- Compass Communications – Direct Debit authority.
- North Shore – Specs of Nally tower base,
- North Shore - JOTA; pick up ARDF gear please; advise bands and calling frequencies. Approved ZL1FS/ ZLAAR

Finance:

- Finance Report;
Ray's donation of \$200 towards new front steps; Gwynne's donation of grey paint was acknowledged with thanks.
Received ZL1WAL / ZL1TUJ
- Expenses requiring approval: Lawn mowing \$239.20; NZART sub \$89; Orcon final ac. \$24.96; Compass \$100.13.
Approved ZL1WAL / ZL1FS

General Business:

- **Reports:**
- **AREC:** George offered to buy 6 magnetic mounted AREC signs for cars. See Beak-in article
- **Exams:** None held; Examination to be held on Sunday 1st Nov at 1300 hours.
- **Nets:** Wednesdays – A similar number of check-ins whatever the night. Net master role will be shared with Ray.
- Gwynne suggested that Members might like to put out a call any night at 8 pm on 3.645 MHz when others are likely to be listening.
- Meter reading: Corrections were made to recordings. This brings our annual usage to \$376.00.
- **Maintenance**
- **Power:** Steve has repaired the meter-board. Power point needed. Outlets on South side of building need to be fixed.
- **Painting:** The clubroom is now looking spic and span, thanks to:
 - o Wallace who painted the north wall and porch white;
 - o Gwynne who repaired and painted the back railing; then painted the front door, basement, and back steps - dark grey. He artfully picked out the window sills in dark grey. Altogether it makes a good impression now.
- Steve has planted a Yucca to replace the Geranium and weeds.
- Level floor – to be scheduled
- Front door - Steve planed its bottom edge to open easily. Gwynne routed the cavity so that the tongue fits properly.
- Corner pile supporting under-floor access door.
- Clean up of clubroom – in progress. Steve will book a table at Western Branch to clear the junk. Copiers to go.
- **Antennas:**
- **Tower:** Assemble rotator and quad antenna – Gwynne and Wallace will work on this during summer. Components maybe under the clubroom; 100m of cables and coax have to be procured.

(October Committee Minutes Continued on page 6)

- Computers / network / phone line / Remotely controlled station:
- Japie has two PCs to give to the Branch
- George will supply a power supply for another host PC for the Remotely controlled station.
- Steve will contact Compass about a port forwarding problem between router and Host PC for RCForb.
- Paul ZL1AJY will be asked for his expertise to check the router settings that Compass assert is the problem.
- We shall ask Robert ZL1FLY, if Mesh node can be used instead of our broadband connection. The bandwidth used is very small < 2 GB per month. Actual use is infrequent.
- Rotator control will need to be implemented within RCForb when the new antenna is operating.
- **Constitution:** The Dissolution clause states:

24 DISSOLUTION

The Branch may be wound up by resolution of a Special General Meeting called together for that purpose of which prior notice has been given at a General Meeting held not later than thirty days prior to the date of the Special General Meeting. At such Special General Meeting specially convened for the purpose of considering the dissolution of the Society and the disposal of the assets thereof a resolution requiring the Branch to be wound up must be passed by a simple majority. At this Special General Meeting the Committee shall be empowered to prescribe the method and disposition of the funds and property of the Branch provided that the assets of the Branch shall not on winding up be paid or distributed amongst the members of the Branch but shall be given or transferred to such other charitable institution or institutions whether in Auckland or elsewhere with objects similar to those of the Branch.

Three different suggestions have been made by Selwyn to change this Dissolution clause:

1. The first suggestion was considered by the Committee, rejected and the reasons minuted and published in the September Newsletter.
2. To the next lengthy suggestion, Wallace sought advice from NZART. That advice is to "leave the clause as it is".
3. Selwyn points out ambiguity in the use of the word "or" thus necessitating amendment in the future, he says. Having sought and received advice, it was resolved not to change the Dissolution clause of the Constitution.

ZL1WAL / ZL1FS

- The Constitution has been retyped to incorporate all of its amendments. Financial Members will be sent a copy.
- **Charitable Entity:**
While some Branches are registered as Charitable Entities, this Branch need not be registered, because we are already tax exempt (for interest earned by our term deposit). Nor do we attract donations predicated on donors wanting tax relief.
- **Licence to occupy:**
After Steve, Wallace and Peter Nicoll met with Auckland Council's Property manager in August, Wallace redrafted the Licence for their consideration as follows:
- **Gains negotiated include:** Licence fee is \$100 (previously \$500); Electricity usage pegged to \$30 / month. Share of cost to reseal the yard - deleted; Signage allowed; Exercise of Council's powers - deleted.
Failed to amend: The fee may be reviewed annually; Three months' notice to vacate; Remove graffiti within 14 days; Provision to insure and / or relocate us in the event of total destruction by fire - rejected.
- **Regulatory requirements are:**
 - o Health & Safety: Wallace drafted a "Policy" document that all Members will be required to acknowledge. Provided that "Security alarm code", "First aid location", and "Fire drill procedure" are posted on the notice board, this will conform.
 - o Public Liability policy \$2,000,000: Proposals are being sought. Sadly, the NZART inspired initiative to cover all Branches was abandoned after initial interest by 19 branches fell to just 5.
Resolved to sign the Licence to Occupy.
- **Ownership of the clubroom building:**

ZLWAL / ZL1FS

(October Committee Minutes continued on page 10)

SOTA



Summits on the Air (SOTA) is an award scheme for radio amateurs and shortwave listeners that encourages portable operation in mountainous areas. SOTA has been carefully designed to make participation possible for everyone - this is not just for mountaineers!

There are awards for activators (those who ascend to the summits) and chasers (who either operate from home, a local hilltop or are even Activators on other summits).

<http://www.sota.org.uk>

Auckland Branch 02, NZART (Inc.)

Minutes of November Committee Meeting

Date / Time / Place: Tuesday 3rd November at 1930 hours / Clubroom
Attendees: Steve ZL1FS (presiding), Wes ZL3TE, Wallace ZL1WAL, Gwynne ZL1AAR, Ray ZL1AJR, Japie ZL1JJN, Logan ZL1LMN and visitor Mrs Nicoll.

Apologies: George ZL1TUJ (pro forma).

Sustained ZL1FS / ZL1LMN

Minutes: of the previous Committee meeting on Tuesday 6th October 2015

Approved ZL1WAL / ZL1AAR

Correspondence In:

- Newsletters: Franklin, North Shore (by post); Hibiscus Coast; Auck VHF Group (by e-mail)
- Branch reflector of Newsletters from North Canterbury, Hasting / Napier, Rotorua, Hamilton, Gippsland.
- Auckland Council – Licence to Occupy has been signed.
- State insurance – Overdue account.
- Selwyn – He's been in hospital. Suggestions about 10 metre operation.
- Western Branch – Junk sale 7th November.
- North Shore Branch – Invitation to "50 calls 101" forum on 9th November at 400 East Coast Bays Rd.
- Carolyn Nicoll – Thanks for making Logan's day.

Correspondence Out:

- North Shore – Batteries are charged and 2m ARDFgear is ready for pickup for JOTA.
- Vaughan ZL1VH – Appointment to pick up ARDF gear for JOTA.
- Stuart Watchman – Thanks for making presentation of YATY to Logan ZL1LMN.
- Members advising presentation by special guest Stuart Watchman ZL2TW to our YATY Logan ZL1LMN.
- Auckland Council – asking to permit signs at gate; form for Direct Debit (for electricity standard charge).
- Break-In - Around the Branches. Photo and YATH presentation speech by Stuart Watchman to Logan.
- North Shore – Contribution to "50 calls 101" seminar on 9th November. *
- Auckland Council Civil Defense – request for meeting to discuss relevance of 1970 agreement.

Received and approved ZL1WAL / ZL1LMN

Arising: * Policy about supervised operation of students using call-sign ZL1AAXT needs to be revisited.
Where are the stocks of these ZL1AAXT logbooks?

Finance:

- Finance Report was circulated with the agenda. Accepted ZL1WAL / ZL1AAR
- Expenses requiring approval: Auckland Council \$100.00.
- Authority for Direct Debit of \$30.00 each month for electricity usage. Approved ZL1WAL / ZL1FS
- Recommend to next General Meeting to pay ANON for Public Liability Policy \$2,000,000, premium = \$300.00 + GST.
- Application to Pubs Charity for Coax and Rotator control cable: Wes will obtain merchant's printed quotation.


General Business:

- **Reports:**
- Previous General Meeting:
- It was well attended - all chairs were taken, albeit the notice was sent out only one day beforehand.
- The presentation by Stuart Watchman of the award of Young Amateur of the Year 2014 to Logan Nicoll ZL1LMN was memorable for his family. A photo and blurb has been sent to the Editor of Break-in for publication soon.
- **AREC:**
- 5 Members checked in for the CD Shakedown. No other stations were heard.
- Hibiscus Coast Radio Society reported: "They ran a radio exercise for the Ministry following the Earthquake Shake exercise on 15 October"
- Richard Gamble has called for an exercise at Howick RSA building on 14 November 2015.
- **Exams:** A student intends to sit this month when she is ready.
- **QSL cards:** Wes has only one of the old log books in the process of entering its data to LoTW.
- **Nets:** Refer to Break-In July/Aug Awards for article about how Taranaki branches are reviving their nets.
- **Newsletter:** The November issue will include material intended for October, as ZL3TE was in China.
- **Maintenance**
- Meter reading 77646.6.
- Power outlets on South side of building: Cause of failure has not been diagnosed.
- Level floor – to be scheduled.
- Computers / network / phone line / Remotely controlled station:
- Compass Communications provide no appreciable service. Meanwhile their account for \$163 is not being paid.
- George ZL1TUJ gave permission for his K3 to be taken by Logan for testing with a different ISP so as to diagnose where the problem lies: ISP, Fixed IP address, Router settings, or Ports to RCForb software.
- Paul ZL1AJY has a Netcom modem to test interface ports between Compass and Server.

(SNovember Committee Meeting Minutes Continued on page 8)

- **Antennas:**
- Tower: Gwynne has located the components of the quad antenna that he has gifted.
- Satellite dish: A 7m diameter steerable dish at Tamaki Campus will be scrapped unless we want it for EME. There is little interest to take on another project for it is unlikely to succeed unless funded by a grant to move it.
- Simon ZL1SWW has been advised about another 8 smaller satellite dishes that are also freely available.
- **JWFD:**
- The Montgomery cup, won by Paul, James, Nigel has been put on our TV shelf.
- Emphasis on participation by new Members is favoured, notwithstanding that we still want to win.
- Planning: Our field site has been approved by Stuart Watchman.
- Wes will ask Paul and Andrei about their availability to operate CW.
- **Licence to occupy:** - signed by Auckland City.
- Health & Safety manual has been written and filed. A notice board announcement is required.
- Public Liability policy for \$2 million cover: State want \$431 + GST; ANON want \$300 + GST.
- Wallace will clean graffiti on the sign at the gate and advise Auckland Council about other graffiti on the walls.
- Ownership of our clubroom: A meeting with Janice Miller, AREC liaison for CD has been requested to discuss our relevance to Civil Defense and therefore the return of our clubroom building to our ownership.
- 50 calls 101: This is a forum about Elmers helping new licencees. A green paper (coincidentally embodying many of the thoughts expressed by Selwyn), has been sent to North Shore Branch for consideration.
- **Future Events:**
- 7th November 0900 hours until noon: Sale at Western Branch at Primary School, 217 Rosebank Rd.
- Steve and Keith will be loading items on Friday at 1700 hours.
- Wallace will provide float of \$100 in small notes and coins.
- 21st Nov General Meeting – Mesh speakers are not available. Wes will show video of DXpedition.
- 1st Dec Committee meeting. Budget for 2016 is to be reviewed before recommending.
- 8th Dec AGM. Steve will not be standing.
- **SOTA:** Steve is in contact with Warren ZL2AJ about registration of Rangitoto Island, One Tree Hill and Mt Eden

Meeting concluded at 21:00 with supper provided by Ray and Mrs Nicoll.



**DIGITAL
COMPUTER**

KENBAK-1

FUN EDUCATIONAL

Modern electronic technology created the Kenbak-1 with a price that even private individuals and small schools can afford. The easy-to-understand manuals assume the reader is approaching a computer for the first time. Step-by-step, you can learn to use the computer with its three programming registers, five addressing modes, and 256 bytes of memory. Very quickly you, or your family or students, can write programs of fun and interest.


PRICE \$750.00

KENBAK CORP.
P. O. Box 49324
Los Angeles, CA 90049

A HISTORY OF THE KENBAK-1

For some, awareness of 'personal computers' started with the MITS Altair 8800, for others, perhaps an Apple product. There are many more obscure computers, like the Scelbi, based on the 8008 processor. An earlier and even more obscure maker, Kenbak, made approximately 40 computers, and one survivor is going to auction This month . Auctioneers estimate it could fetch over \$40,000!

The Kenbak-1 was invented in 1970 - predating the Apple I's release by six years - and ran on a series of integrated circuits mounted onto a single circuit board. It was designed by John Blakenbaker in Los Angeles, CA before microprocessors were available and its memory contained just 256 bytes. It was capable of executing several hundred instructions per second. The units went on sale a year after being invented, in 1971 for USD \$750 (£485) each. In 1987 it was classified as the first commercially available personal computer by the Computer Museum of Boston. When Kenbak Corporation closed in 1973, a number of completed machines were sold but Mr Blankenbaker kept the prototype and two production machines, one of which was Ser# 183, the one up for sale.



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

The Sept. Meeting was not held, in lieu of not having a quorum as per rules requiring two Officers to be present. we did have some visitors to the clubroom:

- Keijo OH2BOZ who is on holiday from Finland. He is a keen DXpeditioner to islands in the Baltic.
- Keith Harris VK2KHP who returns to VK this weekend.

73, Wallace ZL1WAL,

From The Chair ...

Special visitor: We are privileged to have Stuart Watchman ZL2TW, President of NZART, to visit our Branch on 17th October (this weekend). He is making this special trip to present the Young Amateur of The Year award to our Member Logan Nicoll ZL1LMN. **We should honour them both by your attendance.** A BBQ will be served at noon. Afterwards Stuart will speak to us about the HV inter-island cable.



JOTA: Clashing with this is JOTA, hosted by North Shore branch at Camp Maynard near Albany over the weekend. Our Members were asked to listen out on Sunday for CQs from the 500 scouts, guides, cubs and keas who were striving to get their Communication badges and who wanted to have a good QSO experience. The event started at 00.00 local time on Saturday and ran for 48 hours.

Licence to Occupy: You will see in the minutes of the meeting of your Committee, that we have signed a Licence to Occupy the small area of land on which our clubroom and antennas are sited. I reported last month that we had been having negotiations with Auckland Council Property Limited (ACPL). The outcome is satisfactory to both parties, that is. our tenure at 400 St Johns Road is secured.



Remotely Controlled Station: Since changing our ISP, this station has not been working. Users of it should be patient while we troubleshoot.

Clubroom: In preparation for Stuart's visit, Wallace has painted the north side of the Clubroom and Gwynne has painted the dark grey basement, door and steps. It is looking very sharp. Well done. Inside I have replaced the meter board, the one of many upgrades in anticipation of a possible inspection by Health and Safety.

Junk sale: Much of the junk that has accumulated in the clubroom has been cleared out. Nevertheless booked a table at Western Branch's Sale on Saturday 7th November

The New Look for the Clubroom



Freshly painted

Wallace suggested that he and George should approach Civil Defence to seek their assistance to insure the building (since we are prevented by State Insurance) and for funds to maintain it. Now that CD is centralized in the Bledisloe Building, this request will test our relevance to them. If this is not well received, we should show CD the 1970 agreement and enquire if they still want the building that we gifted to them. Precedent has already been set to have such assets returned. Viz: North Shore Branch's AREC trailer.

- **Future Events:**

- 10-11th October - Oceania DX contest (CW);
- 17th October. (The Committee is asked to use the phone tree to urge all Members to attend to welcome our special guest and to applaud the award to Logan.
 - o QSO with JOTA during the morning.
 - o BBQ at noon
 - o General Meeting
 - o Presentation of Young Amateur Year to Logan Nicoll ZL1LMN.
 - o Address by Stuart Watchman ZL2TW, President NZART, about the Interisland HVDC link.
 - o Afternoon tea.
 - o QSO with JOTA.
- 18th October. Visit Camp Maynard on Sunday
- 21st November: General meeting and lecture about Meshnet by Hannes ZL1LW or Robert ZL1FLY.
- **SOTA:** This is an award program for Activators, Chasers and SWL, designed to encourage outdoor walks all year round. QSOs can only be made from the top of Rangitoto Island; One Tree Hill and Mt Eden (heights > 150m). For SOTA rules, www.google.org.uk.
- 8th December at 1930 hours: Annual General Meeting.

Meeting closed at 21:15 with supper provided by Mrs Nicoll and Ray ZL1AJR

THE END OF AN ERA

The DX Magazine's annual Most Wanted Survey has come to an end. "For the past few years I have been comparing the DX Magazine survey results with the one available from Michael Wells, G7VJR on his ClubLog web site", Carl Smith (N4AA) says. "The two results have consistently closely paralleled each other. After serious consideration, it seemed to me that the ClubLog Most Wanted information would adequately serve the DX community. The one conducted by The DX Magazine would not offer enough difference to justify the cost in time, or money, for it to continue. I want to thank the thousands of DXers, world-wide, who have supported The DX Magazine survey for the past 25 years".

The DX Magazine

(<http://www.dxpub.net/DX-Magazine.html>) "will continue to provide DXers with the stories of DXpeditioners traveling to the far reaches of the earth to provide you with those cherished contacts from rare and exotic places. I want to encourage the organizers/leaders of those DXpeditions to continue offering their stories. By telling others, who, what, where, when and how you made that operation possible, the story can be the final chapter of the DXpedition. It might also inspire others to make the effort to organize their own DXpedition, or to at least make a donation to the next major DXpedition".

DXCC NEWS

The recent 3W3MD and 3W3MD/p operations from Vietnam have been approved for DXCC credit.

CONTEST TIP

Always read the rules for the contest in which you are going to participate, even if you've entered this contest a few times before. Rules can change, as can the exchange format or abbreviations used (especially for QSO parties). There may be new categories you'd like to enter. Just reading the rules may jog loose something that you wanted to remember from last year's participation, but didn't.

IARU 90

Currently celebrating the 90th anniversary of the International Amateur Radio Union are also SU90IARU from Egypt (November and December, QSL via OM3CGN), YB90IARU from Indonesia (1 November-31 December, QSL via bureau), VI90IARU from Australia (QSL via bureau) and LY90IARU from Lithuania (2 November-31 December, QSL via LY8O). The latter callsigns was first activated in April by LY3BY, who unfortunately passed away in August. Apparently it has been impossible to retrieve those logs.

IOTA NEWS

Record-holders who have made IOTA contacts in an IOTA contest after 2003, can claim credit for them without submitting QSLs, provided that the contact details match, either by manually entering the QSO information on the input form or by uploading a Cabrillo format log.

The 2015 IOTA Contest data has now been uploaded to the IOTA database and is available for QSO matching. This is significantly earlier than in previous years and we should thank all on the IT side involved. TNX G3KMA

Auckland Branch 02, NZART (Inc.)

Minutes of October General Meeting

Date / Time / Place: Saturday 17th October 2015 @ 1330 hours / Clubroom

Attendees: Steve ZL1FS presiding, Wallace ZL1WAL, Ray ZL1AJR, Logan ZL1LMN, Gwynne ZL1AAR, George ZL1TUJ, Oliver ZL1AAW, Ken ZL1KJL, Keith VK2HK, Simon ZL1SWW, Robert ZL2RED, Lyndon ZL3DWF, Bob ZL1AFU, Selwyn ZL1BRC; special guest Stuart Watchman ZL2TW; other guests: James ZL1KNI, Vaughan ZL1VH, Logan's mother, uncle, aunt and grandmother - as per the Attendance Book. FULL HOUSE

Welcome: Steve welcomed Stuart Watchman, President of NZART Inc. as our special visitor, Logan's family and the good attendance of Members (past and present) to this meeting

Apologies: Franc ZL1SLO, Japie ZL1JJN

Sustained ZL1FS / ZL1WAL

Minutes:

- General meeting on Saturday 15th August 2015 18th July 2015
Having been circulated, taken as read and approved ZL1TUJ / ZL1LMN

Finance:

- The Finance report as presented at the Committee Meeting on 6th October was circulated.
- Funds ear-marked for the Auckland Council Unitary Plan fighting fund, will soon been drawn down.
- Thanks were recorded to Ray ZL1AJR for his donation to replace the front steps and to Gwynne for the dark grey paint.
Approved ZL1WAL / ZL1FS
- We are told by State Insurance that it is illegal for us to insure this clubroom (because we gifted it to Auckland City Council in 1970). Nevertheless, the premium for the Business Pak remains the same (\$576) with or without cover for the building. It is now overdue. Vaughan cited an alternative insurer that would provide Building replacement cover (\$275,000) and Public liability cover (\$2 million) at a premium (\$1,500) which was cheaper than State by \$300. He suggested that we seek alternatives.
Pay State Insurance this year's premium (being over \$300)
Approved ZL1WAL / ZL1AJR

Reports: (Items taken from the Committee Meeting minutes of 6th October 2015 that was distributed with notice of this Meeting).

- Licence to Occupy. This has been signed after better terms were negotiated by Steve, Wallace and Peter Nicoll. The fee is now \$100 per annum and electricity has been pegged at \$30 per month. Several clauses were deleted / modified in our favour. Vaughan suggested a vote of thanks be recorded for the negotiators.
Followed by acclamation
- Wallace said that he intends to call on Civil Defence within Auckland Council to review our Memorandum of Understanding written in 1970 when we gifted this clubroom to them. Since then we have insured and maintained it. If our relevance to CD has ceased, there is precedence for the return of assets for \$1.00.
- The remotely controlled station is undergoing trouble-shooting between router, server and RCForb.
- Steve thanked Wallace and Gwynne for their painting efforts and general sprucing up of the clubroom.
- Next month's General Meeting will not include a presentation about the Mesh network.

Other Business: None.

This part of the meeting concluded at 1345 hours.

Presentation: Stuart Watchman explained that he took over responsibility for an omission that had occurred at Head Office when Auckland Branch's nomination had not progressed to Council and therefore a presentation had not been made at the NZART Conference in Hamilton this year. He called on Logan Nicoll, ZL1LMN to accept the award of Young Amateur of the Year 2014, which took the form of a framed certificate from NZART and gifts from NZART and its sponsors for a Diamond SP6 Antenna and two SWR meters for HF and VHF. He cited the reasons advanced by Auckland Branch in their nomination.

viz: Making his initial 50 QSOs on field day; upgrading the PCs on the network and applying his IT expertise to other Member's PCs, sharing this knowledge; accepting nomination to the Committee; participating with enthusiasm in club events at public outings, eg, car and bike rallies, and St Heliers village day; building his own Yagi antenna for competing in ARDF events; volunteering to help in projects (e.g. concrete foundation for the Nally tower); taking responsibility for managing the remotely controlled station; full attendance at meetings; and generally being polite and cheerful.

Stuart said: "Now if we could clone Logan for every Branch."

Acclamation

Logan replied by thanking NZART, the Auckland Branch for this nomination, and his family for their support who enabled him to attend all but a handful of meetings / events over the last two years.

Acclamation

Address: Stuart ZL2TW presented a three quarter hour very hurried but comprehensive description of the Inter-Island High Voltage Direct Current transmission system. Power point was used to highlight his explanations, photos, illustrations and graphs of its workings, both historically and presently. This very technical subject demonstrated considerable study, time and resourcefulness and risk taking to obtain the photographs.

Steve ZL1FS thanked Stuart for taking the trouble to make this presentation and his address. Acclamation. He also thanked Mrs Nicoll for her contribution to the luncheon and the provision by Gwynne for the BBQ.

The meeting concluded at 15:00 hours with afternoon tea served by Mrs Nicholl. A most successful day.