



New Zealand Association of Radio Transmitters

ZL1AA - AUCKLAND BRANCH 02

JULY

2016

☞ **General meeting** ☞
SATURDAY JULY 16 @ 13:30

Discussion Re: Constitutional Changes

Club Room will be open at 10:30 AM
BBQ @ 1200

ZL1AA MAKES AN APPEARANCE IN THE MEMORIAL CONTEST



Ray, ZL1AJR working the pile-up

SPECIAL GENERAL MEETING 16 JULY

ZL1AA
Auckland Branch 02
PO Box 18003
Glen Innes
Auckland 1743

www.qsl.net/zl1aa
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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

Wallace Bottomley, ZL1WAL
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Elected Members

Ray Chapman, ZL1AJR
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(09) 528-5410

Gwynne Rowe, ZL1AAR
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(09) 528-1177

Japie Nel, ZL1JJN
jjnel@orcon.net.nz

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

Jeff Lowe ZL1TOU

Lyndon Thompson ZL3DWF

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

Branch Examiners:

Steve Miller, ZL1FS
021 0226-4981

Wallace Bottomley, ZL1WAL
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Wes Printz, ZL3TE
027 227-7779

Web Master:

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Librarian:

Gwynne Rowe, ZL1AAR
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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

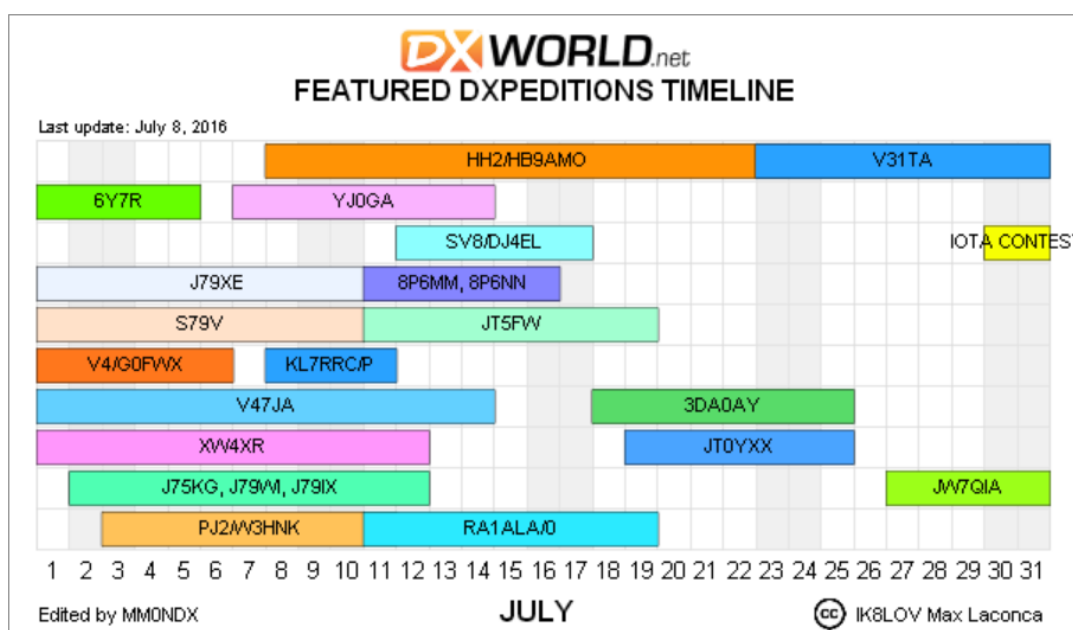
There is no further news concerning The Auckland Council Unitary Plan. In place of the Updates that have been circulated to Auckland Amateurs in the past, there will, from now on, be regular articles in Break In called **"District Plan Involvement Matters"** Which will cover all areas of New Zealand, not just Auckland. The first one was in the January/February 2016 Issue.

Any-one who wants these articles sent to them directly by email, Please contact me.

Douglas Birt
lglo@nzart.org.nz

Something to contemplate while CQing into a closed band

Researchers think that fiddler crabs attract mates by generating vibrations akin to sending Morse code. The characteristics of their code sending can indicate their size and stamina. (Brian, K1BRF)



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>

July 12-19

- Russian Radio Team Champ.: Jul 16
- Trans-Tasman Low-Bands chall: Jul 16
- DMC RTTY Contest: Jul 16 / 17
- Feld Hell Sprint: Jul 16
- NA QSO Party, RTTY: Jul 16 / 17
- CQ Worldwide VHF Contest: Jul 16 / 17

July 20-31

- NAQCC CW Sprint: Jul 21
- RSGB 80m Club Champ.Data: Jul 21
- NCCC RTTY Sprint: Jul 22
- SKCC Sprint: Jul 27
- Phone Fray: Jul 27
- RSGB IOTA Contest: Jul 30 / 31

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 June General Meeting

Date / Time / Place: Saturday 21st May at 1330 hours / Clubroom

Attendees: Wes ZL3TE (presiding), Wallace ZL1WAL, Ray ZL1AJR, Logan ZL1LMN, Steve ZL1FS, Olivier ZL1AAW, Simon ZL1SWW, Bob ZL1AFU, Lyndon ZL3DWF and Selwyn ZL1BRC as per the Attendance Book.

Apologies: Robert ZL2RED, George ZL1TUJ (pro forma), Logan ZL1LMN (left early).

Sustained ZL1WAL / ZL1AJR

Minutes:

- General meeting on Saturday 21st May 2016 Having been circulated, was taken as read and accepted
ZL1WAL / ZL1AJR

Finance:

- The Finance report as presented at the Committee Meeting on 7th Jun was tabled.
- It is of concern that payments of subscriptions are outstanding from many Members.

NZART AGM and Conference:

- Logan attended as our delegate. Remit 1 was passed with amendment (as reported in Break-In).

DXCC Awards:

- Wes ZL3TE applied to ARRL DXCC Desk on behalf of ZL1AA and obtained two more awards
o Phone / 20M

QSL cards:

- Our QRZ.com page describes our policy. Cards received without US\$2.00 will be answered via the bureau.
- Wes has only one paper log book that is yet to be uploaded to LoTW.
- Tuition is needed to access LoTW so that we can provide verification before sending our QSL card.
- Selwyn asked for correction to Committee Minutes because he volunteered to look up addresses in SMART only.
- Cards arriving at Musick Point ZL1 bureau remain there until picked up irregularly (usually by a mutual Member).
- Bob suggested that we should poll our Members who wish cards for them to be forwarded to Branch 02 for pick up.
- Paper logs are still being used at HF1.
- A computer logging program is suggested.

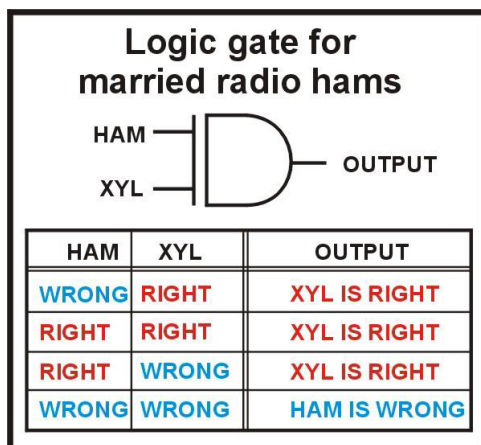
Suggestions / Observations:

- Coax cables – There are many coax cables in the clubroom. Three years ago Ray had tested, measured their lengths and labeled them. Wes undertook to uplift and reassess them.
- 80 m dipole – A wattle tree nearby needs to be removed.
- Licence exam software: It has been taken over by Andrew Mitchell ZL1AF – Platform and Syllabus.
- Musick Point Trust: The future for Branch 89 located there is in doubt [Selwyn]. This will impact on our use of their repeater 145.775 MHz.
- State of the hobby – an Australian view [QRZ.com forum].
- Constitution: Pro bono offer made by Selwyn to consolidate and reissue the Branch Constitution. This has been typed by Mrs Nicoll.

This part of the General Meeting concluded at 1400.

Presentation:

Selwyn ZL1BRC was given the floor to talk about RFI.



New CQWW Contest Director

Doug, KR2Q, has been named Director of the CQ WW DX Contest. Doug is no stranger to the workings of the contest, having been on CQWW Contest Committee since 1979. He is well positioned to consider all of the contest constituencies, having operated at one time or another in all entry categories. Congratulations, Doug!

Auckland Branch 02, NZART (Inc.)

Minutes of July Committee Meeting

Date / Time / Place: Tuesday 5th July at 1950 hours / Clubroom

Attendees: Wes ZL3TE, Wallace ZL1WAL, Japie ZL1JJN, Logan ZL1LMN, Ray ZL1AJR, Lyndon ZL3DWF

Apologies: Gwynne ZL1AAR, George ZL1TUJ (pro forma) Sustained ZL1WAL / ZL1LMN

Minutes: of the previous Committee meeting on Tuesday 7th June 2016 (having been circulated)

- Correction: Selwyn ZL1BRC offered to look up SMART (not Call-Book) for addresses for QSLs.
Accepted ZL1WAL / 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.
- Auckland Council – Statement for June
- Douglas Birt – Update about Auckland Council Unitary Plan
- NZART – requesting construction details for a 2mYagi (for ADF to track Kiwis)
- NZART requesting updates for Examination Supervisor contact details for Call-book.
- Vodafone – Assurance that threat to disconnect was put on hold while Direct Debit authority is being processed
- Visitors: Josef Rohner HB9CIC from Switzerland intending to arrive in February 2017;
- Rex Badger from USA, seeking DX sked;
- Hannes Hanekom ZL1LW asking for circuit of 2m Fox.
- Selwyn – Attaching his further edit of Constitution embedding his recommendations for more changes
- Selwyn – Requesting a list of NZART Members attached to Auckland Branch
- Selwyn – Complaints about broadband disconnection; decline of sun cycle; suggestions to service K3; etc;

Correspondence Out:

- Constitution sent out by e-mail to Committee only
- Invoices to Members whose subs are outstanding (and have not formally resigned)
- NZART HQ – list of e-mail addresses (as requested)
- NZART HQ – Exam Supervisor contact details are unchanged
- John Longden (via NZART HQ) providing link to newsletter April 2012 that contains info to build 2M Yagi for ADF
- Vodafone – Complaint about their lack of service to process Direct Debit authority, and failure to converse
- Hannes ZL1LW sending circuit of 2m ARDF Tx.
- Allan Hobbs ZL1AJH re progress with mods to our two 80m ARDF Tx.
Arising: Wes will send the 3.54 and 3.55 MHz crystals for the two Tx. to him. Received and
Approved ZL1WAL / ZL1AJR

Finance:

- Finance Report was displayed Received ZL1WAL / ZL1AJR

General Business:

- Reports:
 - Previous General Meeting: Dissertation by Selwyn about propagation and need to eliminate RFI in clubroom
 - Memorial Contest: Wes, Ray, Olivier and Wallace participated on Saturday and Sunday evenings 2 / 3 July
 - QSOs logged: SSB = 90; CW=85, Multipliers: SSB= 8, CW=7.
 - Keen competition by our Member Paul ZL1AJY operating as ZL1XH
 - AREC: Nothing to report
 - Visitors: None
 - Exams: None
 - QSL:
 - o No cards received / despatched
 - o LoTW has been loaded with our QSOs
 - o Club log provides a better system for logging our QSOs and for others to search it.
 - o Decided not to send list of our Members to ZL1 bureau. Wes will liaise with Brenda Scott.
 - Nets: Nothing to report
 - Newsletter: President's column is well received because it is more readable than detailed minutes.
 - Computers / network / phone line
 - o Vodafone had inadvertently disconnected the line (contrary to their assurances while our Direct Debit Authority was being processed.
 - o All PCs need file sharing.
 - o Cheaper access to the internet for our very small traffic was discussed. Consider a wifi extender or meshnet. Hannes ZL1LW and Robert ZL1FLY have made presentations to other branches last year.
 - o Japie explained his mash-net installation.
 - Maintenance
 - Meter reading: 484838.8
 - Replace front steps: No progress
 - Power outlets on South and East side of building. No progress
 - There is a "Maintenance" exercise book on the board table that will be reviewed at each Committee meeting.
 - Remotely controlled station

(July Committee Meeting Minutes Continued on page 6)

- The 80m antenna problem was isolated (during the Memorial contest) causing intermittent high SWR (94:1), to the coax that runs under the clubroom. The balun and switch is OK.
 - Subcommittee has not met yet:
 - **Antennas:**
 - Fold-over crank-up Tower (Nally):
 - o Wes is testing rotor and controller and its microprocessor
 - o Gwynne is back in NZ and he is keen to get the Quad (that he donated) mounted and working
 - o Wes has harness to climb tower, and a gin pole to hoist it and mount it.
 - o Alternatively, fold tower and attach quad from the top of a step ladder on a truck.
 - Resite / secure the mast at the north end of 40m dipole
 - 80m dipole needs coax to be replaced or connectors to be examined /replaced.
 - Licence to occupy:
 - Health & Safety – Steve has a portion of the manual under review.
 - Notice board warnings have been designed and affixed.
 - Public Liability policy for \$2 million cover – no progress yet (until we are pushed by Auckland Council.
 - Meeting with ACP to resolve ownership of building – not yet scheduled.
 - Future Events:
 - 16th July – Special General Meeting to amend Constitution for end of financial year as end of “October”
 - Suggestions for entertainers / speakers for general meetings 2016:
 - Ask John Martin to talk about his Monitoring service
 - Japie will ask Hannes ZL1LW to expand on practical issues about Mesh-net
 - Magnetic loops with emphasis on automatic tuning mechanisms
 - Constitution / Rules:
 - Resolution to clause “18 Account and Audit: The financial year of the Society shall end at the end of the month of October” (instead of ‘November’). A majority of four fifths is required. The quorum required is seven financial members. Proxies are allowed if in writing given to the Chairman before the meeting commences.
 - Defer distributing an electronic copy of the Constitution because little interest is being shown in this.
 - Rather, write a Rules Manual for the Clubroom, activities and decorum.
- Previously minuted rules may need to be reviewed for present day relevance and for instruction to new Members.
- o E.g. consider rescinding rule about quorum required for general meetings versus hobby /entertainment thrust
 - o Emphasis will be on dos and don'ts. e.g. All correspondence should be only through the Secretary
 - Complete the Safety Manual.
 - Consider a new class of Membership “Overseas” for users of the Remote station.
 - Other business: None

The Meeting concluded at 2150 hours with supper provided by Ray ZL1AJR and Mrs Nicholls

From The Chair ...

July, Where has the year gone already? Seems like we were just doing JWFD. Now the temperature has dropped with the liquid sunshine becoming more frequent.

Speaking of the Sun, it seems to have gone all funny again, with not wanting to cooperate with us. I have not let this deter me with making contacts, I have been spending more time operating the digital modes. Mainly CW and JT65hf. One would be amazed at what is still workable. Give it a go, find a spot call CQ for a while, someone somewhere will hear you. 15M into EU is still a possibility. Two DL stations logged last weekend in the IARU Contest on 15M CW.



Thanks go to Ray, ZL1AJR, Olivier, ZL1AAW, Wallace, ZL1WAL for braving the cold nights last weekend to put ZL1AA on the air for the NZART Memorial contest. I also joined in the festivities, providing logging and CW operations. It was Saturday night, just when the CW section started, I noticed Very High SWR on the Dipole. Some quick trouble shooting, and the fault was located. A temporary Coax run to the dipole, and problem solved. Off the air for about 20 minutes. This is apparently is the fault that shows up intermittantly on the remote station. Contesting has it's merits for checking out your station and keeping it in top condition.

Saturday, we will have a disscussion and vote to officially change some verbage in the constitution which was ratified at the AGM in December. We may also have a visitor from FK, whom Olivier, ZL1AAW has been in contact with, Gil will be in town a few days. Next month we may have a JA Visitor, who recently contacted me, Ken also in will be in town 3 days.

Until then, see who you can work on the bands.

73, Wes, ZL3TE

Ham Radio Outlet to Acquire Some AES Employees, Re-Open Milwaukee Location as HRO Branch

Ham Radio Outlet (HRO) has announced plans to hire an unspecified number of Amateur Electronic Supply (AES) employees, when AES shuts down its four locations in late July. In addition, the current AES Headquarters store in Milwaukee will become HRO's newest location later this summer, following renovation. On July 1, AES announced that it was going out of business and ending retail operations at its Milwaukee, Las Vegas, Cleveland, and Orlando locations. With the approval of AES management, HRO senior managers visited each AES location to interview staffers in hopes of "acquiring some of the Amateur Radio retail employee talent in each of the current AES locations," an HRO news release said.

"Together with this interview process, HRO examined what it would take to perhaps acquire one or more of the AES store locations. At the time of these interviews, many opportunities were explored with current AES senior management," the release continued. "We are very excited to announce that HRO was successful in providing offers of employment to a number of soon-to-be-former AES employees, and that to some, we have offered positions that involve HRO-sponsored and funded relocation.

HRO announced that once AES shuts its Milwaukee location at 5710 W Good Hope Road on July 28, Ham Radio Outlet will undertake an extensive remodeling project to create a new HRO Milwaukee store at the same site, which will open at the end of August.

"It is with great pleasure that we are able to continue Terry Serman and Phil Majerus' legacy of providing a fantastic Amateur Radio store in Milwaukee, Wisconsin," HRO President Robert Ferrero, W6KR. "It is our immediate goal to have the largest, most well-stocked Amateur Radio retail store in North America and perhaps even the world." HRO National Sales Manager Steve Gilmore, W4SHG, said the Milwaukee location will be "a showplace that all must come see!"

After AES closes on July 28, all former AES locations' direct and toll-free telephone numbers will be redirected to the closest HRO location, and the AES website will be directed to HRO's website.

A family-owned business, HRO is the world's largest Amateur Radio dealership, with locations from New England to the West Coast. It opened a new outlet in Plano, Texas, in February 2015 and is relocating and expanding its Portland, Oregon, store, which will open on July 25 at 14405 SW Pacific Highway.

W3LPL Tower Lost to Tornado

The ARRL.org website reports W3LPL's extraordinary antenna farm has suffered major damage from an EF0 tornado, from storms that pounded the DC-Maryland corridor recently. Although no injuries were reported from Frank or family. The tornado also hit Bernie, W3UR, who lives next to W3LPL.

One of Frank's 200ft (60M) Towers lies crumpled on the ground



W1AW/9 in IARU Contest

Did you work W1AW/9 in IARU last weekend? W1AW/9 was comprised of the phone operation at WB9Z/NV9L, with CW at K9CT. In the IARU contest, headquarters stations are permitted one transmitted signal per band mode, meaning that it's possible to field multi-multi efforts on each mode. Headquarters stations must be in the same zone, so there's flexibility as to where they're deployed. W1AW/9 probably didn't have much inter-mode interference on any band, with about 100 miles of separation between the two operating locations. Both stations live-posted their scores to cqcontest.net, to goad each other to higher scores during the 24-hour period.



Phone W1AW/9 @ NV9L/WB9Z. Operators standing L-R are: Matt, AC9IG; Christy, KD9GKL; Valerie, NV9L, and Jerry, WB9Z. Operators in chairs L-R are: Mike, AJ9C, and Skip, WS9V [Photo courtesy of NV9L]

The phone station also livestreamed to Facebook and Periscope. According to Craig, K9CT, "The CW team operated on as many bands as there were open using one transmitter per band. However, there were times where 20 and 40 had many callers and we would change to use an assist station on each band with a transmit interlock. Then we could work multipliers and interleave other stations S&P while the other was running."



The W1AW/9 CW Team, from left to right: Roger, N4RR; Mike, N7MB; host Craig, K9CT; Bill, K3WA, and Jim, K0XV. [Photo courtesy of Craig, K9CT]

TNX ARRL Contest Update, N9ADG