



Auckland Branch 02, N.Z.A.R.T INTERIM NEWSLETTER



Notice of General Meeting

of Auckland Branch of NZART (inc)
to be held at the Clubroom, 400 St Johns Road
on Saturday, 17th July at 1330 hours.

Agenda:

1. Working bee to install shelves in the clubroom
This means, removing much of the contents of the room
then stocking the shelves after their installation.
2. Election of James Knightly as Committee member
This will fill a vacancy since the AGM.
3. General business

From the Chair

We've passed the shortest day, so Summer is coming back!! Surely you have noticed the much longer days!! Hi Hi. All we need now is for the propagation to improve.

Steve ZL1FS is off again for a period with Greenpeace, as electrician and engineer; we wish him well and the very best of weather! On his previous trip he was able to contact us through Skype and I understand this will be possible again this time.

We welcome new member, James Knighly ZL1KNI to our branch having recently qualified for his call. Being interested in our club and the activities, he has offered his help on the club's committee and with the Committees recommendation we will confirm his appointment at our next general meeting. Thankyou James; we appreciate your help on the Committee.

Our next general meeting is on Saturday 17th July As usual, the 'minor BBQ' lunch will be organised commencing at mid-day-ish!

Improvements to the clubrooms and aerials are progressing and soon we will again have all bands covered. Painting of the outside of the clubrooms has stalled a little because of the cold winter weather, but will resume when weather improves.

Hope you can join us at the July general meeting or in the evenings on our nets.

Cheers and 73,

Gwynne, ZL1AAR.



Svetomir Cuckovic, YU75C
from Serbia at our Branch,
having visited 91 countries.

Thanks to Franc, ZL1SLO
for the photograph.

Auckland Branch, NZART (Inc.)

Minutes of General Club Meeting

On: Saturday, 19th June 2010 at 1330 hours

At: Branch Clubrooms

Present: ZL1AAR (Chairman); others were recorded in the Attendance Book.
Vaughan Henderson, ZL1TGC as a visitor.

Apologies: ZL1WAL, ZL1JJN.

Sustained ZL1CY / ZLAAR

General Business:

Finance:

- **Payment of Insurance premium \$544.43** (being over \$300.00).
The \$500 excess for malicious damage has been waived. The Burglary excess is reduced to \$500
Approved ZL1AAR / ZL1AJR
- **The Finance Report was tabled**

Election of Honorary Life Member, Capt. Bill Schlef, ZL1BJN

Elected ZL1AAR / ZL1FS

Building maintenance:

*Steve Miller ZL1FS gave a report of building maintenance that has been carried out.
Further receipts for the purchase of timber will be submitted to the Committee.*

Meeting Closed 1340 hours.

- The results of voting on remits presented to the NZART AGM are printed elsewhere in this newsletter.
- Afterwards, Steve Miller, ZL1FS, gave an address about his three month tour on board "Arctic Sunrise" in the Baltic Sea for Green Peace to make their presence felt at the Copenhagen Climate Summit Conference.

AUCKLAND BRANCH, NZART (inc.)

Minutes of Committee Meeting

Date /Time / Place: Tuesday, 6th July 2010; 1930 hours; Clubroom

Attendees: Gwynne Rowe, ZL1AAR (Chairman); Wallace Bottomley, ZL1WAL (Secretary / Treasurer); Ray Chapman, ZL1AJR, Selwyn Ross, ZL1BRC; George Marr ZL1TUJ;
James Knightly ZL1KNI (as observer).

Apologies: Peter Ellis, ZL1LS (VP); Japie Nels; ZL1JJN, (AREC); Steve Miller, ZL1FS (at sea)
Sustained ZL1BRC /ZL1AAR

Minutes of the previous Committee meeting on 1st June 2010:

Taken as read and approved with a few amendments ZL1BRC / ZL1AAR

Matters arising:

- Selwyn was manning the Licence Info desk at the NZART Conference (not operating at it).
- Email address for the branch will be **zl1aa@orcon.net.nz** (not zl1aa@gmail.com)
- The DVD of the A380 cockpit is a static (not in action) view of the cockpit.
- See Antennas in General Business for clarification of progress.

Correspondence In:

- Franklin Junk Sale Tuesday 20 July at 7.30 pm Clubhouse, Stadium Drive Pukekohe. Supper afterwards.
- Hamilton Branch 86 Market Day on Saturday 14th August at Hamilton Tennis Club, Edgecumbe Street. (Vendor Registration Form available from Sec.)
- Western Suburbs RC Branch 03 Used Equipment Sale 9th October 2010 Rosebank Rd Primary School 217 Rosebank Rd Avondale.
- Email from vendor re shelving won at TradeMe auction.
- Selwyn with contributions for the newsletter
- Draft letter (by ZL1BRC) to Jock White Field Day Manager re ZL1LC using Branch 02 Branch Number without our permission.

Received ZL1WAL / ZL1AAR

Correspondence Out:

- Letters to members whose subs are outstanding.
- Letter to Bill Schlef, ZL1BJN congratulating him on his election as Honorary Life Member of the Branch.
- Email to Andrei ZL1TM asking for changes to the Web page to include Subs and Bank Account number.

Approved ZL1WAL / ZL1AAR

Finance:

- The Treasurer presented a Finance report for the year to date.

Received ZL1TUJ / ZL1BRC

Matters arising:

- Revaluation of equipment in Balance Sheet. Deferred.
- Donation to Brian Scarborough deferred indefinitely.

Expenses requiring approval for payment

- R Higgins - Lawns May \$30.00
- Steve – Hardware and bargeboard \$143.82
- Wallace – badges for hon. life members \$27.60
- Gwynne – repair* of Kenwood TS440S \$200.00

Approved ZL1TUJ / ZL1AJR

* The meeting was of the opinion that the Branch should warrant the Kenwood 440 and therefore bear the full cost (\$369.00) of its repair. 'However Gwynne suggested the club pay \$200 and the balance being \$169, be treated as a donation from him.' That Gwynne is given a receipt for his donation of \$169.00.

Moved ZL1TUJ / ZL1WAL

Signatory for ASB bank account:

That Gwynne Rowe is approved to become an additional signatory of the A S B Bank accounts

Approved ZL1TUJ / ZL1AJR

General business:

1. AREC matters:

- Japie, Steve and Wallace attended a meeting about Red Cross and their Emergency Response Unit. (See newsletter article for a report about this).
- Japie is to be asked to commission the 10 m station in readiness for any AREC event.
- Wallace will bring in the power supply loaned to him by Donald, ZL1CY for the Kenwood TS430S.

Minutes of Committee Meeting (Continued)

2. Program for General Meetings:

- This month on 17th July, a working bee is required to install shelves and tidy up contents of clubrooms.

3. Maintenance (in order of priority):

- The new barge board needs to be painted, weather permitting. Selwyn will do this.
- Painting base of clubroom.
- Selwyn has fitted a handle to the trolley used to lock away the HF rigs.
- Smoke alarm – George will purchase one suitable for connecting to the alarm system.
- Sign at gate entrance needs cleaning / repainting and meeting dates and times to be updated.

4. Antennas (in order of Priority):

- Two poles for the 80m antenna have been erected – one more to go. Meanwhile a temporary bamboo pole is intended until the steel pole is erected when engineering skills and manpower become available.
- The Low gain VHF antenna has been erected on the new barge board.
- A 10m half wavelength vertical antenna is temporarily positioned; but it is suitable for 25w only.
- The meeting was reminded that instruction needs to be given to any would-be operators of this rig.
- Realignment of the beam – wait until Steve returns in 3 months when his truck can be used.

5. ZL1LC, G. N. Reed operating a field station using Branch 02 Branch number.

- Selwyn submitted his research on this subject and has drafted a letter to the Jock White Field Day Manager asking for rules for this competition to be updated.
- Gwynne said that in discussion with Stuart Watchman, this situation was agreed not to be OK.

6. Remote station:

- Wallace and Jeffrey, ZL1TOU, are yet to meet about temporary use of his Woosh link to the Clubroom. Japie has provided an Ethernet switch for it.
- George reported that Brian Wilson is very busy at present. He has cable and conduit to complete the telephone line in due course. He is in contact with Scarbros. George has provided an ADSL 2+ modem.
- Wallace submitted a proposal to purchase an Automatic Band decoder and Antenna switching relay at the cost of US \$281 (including cable for the K3) plus GST and freight. George will vet this proposal in time to coincide with the telephone line project.

7. Shelving for library and parts:

- Wallace stated that he will donate the shelves that he has just bid and won (cheaply) thru TradeMe.
- The positioning of the shelves was discussed / illustrated (standing back to back behind the VHF station).
- Gwynne offered to use his trailer to collect them after he returns to Auckland next week, Tuesday 13th July. James Knightly has volunteered to help carry them - for they may be heavy.
- Wallace will provide a tarpaulin to cover them temporarily.
- A working bee on Club day will be needed to tidy up the clubroom and install the shelves and then stock them.

8. QSL Card rack:

- Gwynne asked Ray to rename the pigeon holes for the QSL cards.

9. Promotion of Membership:

- Selwyn mentioned that NZART would soon be urging Branches to conduct a membership drive.
- New Pamphlets have been printed by NZART and Selwyn will insert Branch details before distributing them.
- Selwyn sought a mandate to advertise under "free Tuition" in the Courier for new candidates because our "What's on" notice is printed too small and too infrequently to attract attention.
- Wallace suggested that flyers be placed on notice boards at campuses near their Science faculties.

10. Committee vacancy:

- That James Knightly, ZL1JKI, is to be recommended to the General Meeting for election to fill the vacancy on the Committee. The Constitution of the Branch provides:
- Any vacancy of the officers of the Committee between Annual General Meetings shall be filled by the Committee ... or it may (without any notice) refer the matter to the next monthly meeting of the Branch, whereupon the Branch shall fill the vacancy at the General Meeting.

Approved ZL1WAL /ZL1TUJ

Meeting Closed 21:15 followed by supper provided by Ray, ZL1AJR.

Postscript: The vendor of the shelves has reneged after the TradeMe auction. Wallace will attempt to find an other supplier in time before the working bee, scheduled for 17th July, 2010.

Précis of an address by Steve Davis, ZL2UCX, talking about

Red Cross Emergency Response Unit (ERU)

attended by Japie ZL1JJN, Steve ZL1FS and Wallace ZL1WAL on 10 June 2010.

Red Cross International is active in 186 countries. In the event of a regional disaster, Red Cross responds only to the invitation of governments asking them to act as an auxiliary to provide standardized units using the following resources:

- Basic Health (5 units)
- Logistics , e.g. transport (6 units)
- Water and sanitation (6 units)
- Field hospital (3 units)
- IT and communications (5 units)
- Relief (6 units)
- Base camp (2 units)

Steve, who has a background in radio, electronics and is self-employed in IT, is an AREC Section Leader in Christchurch. He has often turned out for search and rescue operations. He was selected to join a new Red Cross IT and communications unit being set up. He spoke generally about the challenges that face them while responding to earthquake, flood and tsunami in the Pacific. These challenges included:

- Security
- Infrastructure
- Transport
- Language
- Culture
- Weather

Each challenge was put into perspective by his description of conditions found after an earthquake, hurricane and floods in East Haiti (half the size of the North Island) during 2008. He described the devastation and illustrated it with photographs of gated properties, minimal power generation and supply, impassable roads, collapsing buildings and a pidgin French speaking population, all of which added to the difficulty of restoring services to enable the other Red Cross ERUs to function effectively.

First, he and two others had to install two generators (110v and 230v) and a laptop that was set up as a server to receive and print files from various locations. Communication was limited to Inmarsat and hand-held VHF radios at first. Delegation and training followed before they could move onto the next of 12 locations to assess and fix whatever they came across. This meant re-aligning solar panels, restoring batteries, fixing mains chargers, re-erecting antennas (VHF Yagi and a dipole), rewiring and replacing transceivers and finally delegating and training operators. Much of this work was capacity building. Plans to install a repeater was abandoned for lack of parts, in the time allowed.

Steve put in a plug for donations and recruitment of volunteers with the appropriate 'can-do' attitude to assist in similar disaster emergencies. He can be contacted:

- steve@ITTERU.redcross.org.nz
- steve.davis@NZCS.org.nz
- <http://twitter.com/zl2ucx>
- <http://linkedin.com/zl2ucx>
- www.zl2ucx.gen.com

Grab a Callsign - Registering MF/HF & VHF and SSB Callsigns

Through Callsigns NZ, you can register a NZ Marine Radio MF/HF & VHF and MF/HF (SSB) online from just \$19.95.

Callsigns NZ allows you to pick and personalise your own callsign. You receive instant confirmation of your application and your username, password and callsign will be generated at <http://www.callsigns.co.nz/>.

Registered on Radio Spectrum Management's national SMART Register, a marine radio MF/HF (SSB) or MF/HF & VHF callsign provides instant information about you and your vessel.

Extracts from NZART Infoline and other newslines

SMART (Spectrum Management and Registration Technology)

- RSM Call Book Database is on The NZART Website. Details can be updated either online at: <http://www.rsm.govt.nz/smart-web/smart/page/-smart/WelcomePage.wdk> (you will need your log in details) or by phoning RSM on 0508 776 463.
- **Name Suppression**
Should you wish to have your details withheld in SMART, you must apply in writing to the Registrar of Radio Frequencies, Andrew Mulcahy, and state the reason for this before it can be approved.

Rugby World Cup 2011. 'Infoline 208' and 'The-Rugby-World-Cup.pdf' have the full details of what is required.

<http://www.nzart.org.nz/pdf/2010/The-Rugby-World-Cup.pdf>, and
<http://www.nzart.org.nz/infoline/2010/infoline-208.html>.

Upper Hutt NZART Conference 2011

- Pre-registration: 204 Plateau Road, Upper Hutt 5018. Free phone: 0800 800 499 Fax: 04 563 5284.
- On behalf of the Steering Committee, we welcome you to the Upper Hutt NZART Conference 2011. The Conference will build on the success of the previous conferences, which were held in Upper Hutt in 2000 and 1979. The objective of this conference is to further enhance NZART as an organisation and amateur radio. The conference will maintain the quality of the previous conferences while incorporating new features to enhance your experience.

Special events and on-air contests

- July 31 Waitakare Sprints 2010 Phone Saturday 1000 to 1100 UTC
- August 7 Waitakare Sprints 2010 CW Saturday 1000 to 1100 UTC.
Rules at: <http://www.gsl.net/zl1vk/PRCCLubActivityPage/WaitakareSprintPage/waitakeresprint.html>
- August 7-8. BRASS MONKEY CONTEST, all bands 50 MHz and up. Operating times:
Saturday 1700 to 2300 NZT and Sunday 0700 to 1300 NZT.
Rules at: <http://www.vhf.org.nz/VHF-UHF-SHF-ContestRules>

VK events:

- Aug 14-15 WIA Remembrance Day Contest vk4od@wia.org.au
- Aug 21-22 International Lighthouse and Lightship Weekend. Register on website illw.net
- Oct 23 WIA WIA National Field Day nfd@wia.org.au
- Oct 2-3 WIA Oceania DX Contest Phone vk3tz@wia.org.au
- Oct 9-10 WIA Oceania DX Contest CW vk3tz@wia.org.au

QRZ.com reaches 400,000 users

QRZ installed another 12gb of RAM into its two main servers to double their amount. Prior to the upgrade, QRZ could service 350 simultaneous requests. Now, that number has jumped to nearly 1000.

Amateur Radio Calendars

The calendar covers July 2010 to June 2011. The date information includes public holidays for NZ and Provinces plus contests on both HF and VHF that are managed from New Zealand. The cost is \$13 per copy. Postage is \$1.50 for up to 4 copies in a C4 envelope. Inquiries may be addressed to the Auckland VHF Group or to Peter Loveridge, 5 Mostyn Street, Kingsland, Auckland 1021, email peterlov@ihug.co.nz Payment may be by cheque or Internet Transfer to 12-3019-0781605-00.

QRP—Devoted to Low Power Communications

- DIY Amateur Radio using homebrew & low power www.ggrp.com
- To subscribe email to: - ggrpzl-subscribe@yahoogroups.com
- NZ \$28 a Year ;or 2 Years \$56; or 3 Years \$84 Banked to ASB account 12-3011-0984272 -58
- Four copies of SPRAT magazines (Journal of the G-QRP-Club) per year and the member's handbook.
- Club sales of books, parts and back issues of SPRAT (CD ROMs available \$10 each) at NZART inc. agent: Phil Tarrant ZL2NJ PO Box 55 Wanganui.

Break-In Contents Index from 1947 can be found at: <http://www.nzart.org.nz/breakin/index/index.html>

- To search the COMPLETE CONTENTS from 1947, use the page menu entry of: "Search all index pages up to Jan 2010 HTML 435 kB" found on the "Index for Break-In Volumes 20 to 82" page. All the yearly pages have been combined into one page for your convenience. <http://www.nzart.org.nz/breakin/index/all-bi-index.html>
- Contact Infoline Editor, if copy of articles are wanted, at: ZL2NN@nzart.org.nz

Nostalgia—Break in - issue number 2 <http://www.nzart.org.nz/breakin/1947/1947-call-book.pdf>

Report of NZART Conference and AGM

Announcements:

The number of Radio Inspectors is down to 8 (from 12). But MED gets involved in enforcement. E.g.: Alan Potter, ZL3II was prosecuted recently for running 3 Kw of RF (then skiting about it on YouTube).

NZART HQ will remain at Upper Hutt but options are being explored.

NZART annual subscription will remain at \$95 but early payment discount increased to \$15.

50% of new members subscription will be rebated to the branch that makes the introduction.

Accumulated funds now total \$239,000.

Kordia access confirmed for the next year.

Remits (Gwynne was the Branch Delegate)

1: ARX service free to members. Amendment carried to include the word 'examination' after 'ARX'. Remit **defeated**.

2: Only the primary member of a family subscription to have voting rights ... Amendment carried to substitute the word 'licensed' for 'primary'. Remit **carried** on the voices.

3: Try to get X, Y and Z calls released for amateur use. Remit **carried** on the voices.

4: Council is to seek a mandate from membership before implementing entry-level license. Amended to include the words 'at this meeting' after 'Council'. Remit **carried**.

Poll for those in favour / against the introduction of an entry-level license. Poll **against**.

5: Future conferences instructed to hold the AREC AGM forum following the AGM. Point of order to remove the word 'AGM' because AREC is not a legal entity. Amendment lost to substitute the words 'encouraged where possible' for 'instructed'. Remit **lost**.

6: Constitutional amendment to remove voting rights of family non-transmitting members. Remit **carried**.

Awards:

- **Rothschild Cup:** Nelson for 14 new members.
- **Youth achievement:** Ethan Brown ZI1AE; Jason Light, ZL3LD.
- **Amateur of the Year:** Peter Aikin, ZL1TX for work on Far North repeaters.
- **Jumbo Godfrey Award:** Denise Hider, ZL3HI for services to her branch.
- **Stirrer's Award:** For admitting that he prosecuted a ham for operating on 27 MHz CB with 150 watts.

General Business:

Motion to push for power increase to 1.5 Kw. **Lost**.

Motion to review charges for ARX services. **Lost**.

Call for more activity on straight key night.

Hastings Branch 13 planning a new contest aimed at inner city operators.

The 2011 Conference will be at Upper Hutt using the Silverstream Resort. This site has limited 1 star accommodation.

Nelson offered to stage the 2012 Conference.

Software Defined Radio (SDR):

After the AGM there was a presentation of how SDR works. Hardware is procurable in a range from:

- Atlas kit 1 watt costing US\$35;
- Pinnochio; Ozymandias USB interface to Atlas; Mercury Rx; and Quicksilver 5kHz to 55 MHz
- WBX from ETTUS is a full duplex-capable transceiver which covers 50 MHz to 2.2 GHz for \$450.
- Softrock where 20,000 units have been sold;
- Flex-1500 and Flex-5000A 150 watts costing US\$4,000 equivalent to a conventional set costing US\$10,000.

Much of the software is open source and free. WINRAD was demonstrated. Just click on wherever a peak occurs on the broadband spectrum analysis and listen.

AREC Forum:

Japie Nels, ZL1JJN, represented Auckland Branch 02.

There was no report because the National Director was not present. It was chaired by an Area Manager who could not speak on behalf of the national organisation. Therefore little was accomplished at this forum.

Note: Emergency call frequency of 3500 kHz USB has been changed to **3550 kHz USB**.