



Auckland Branch
N Z Association of Radio Transmitters Inc.

NEWSLETTER

May 2012



GENERAL MEETING

Clubroom, 400 St. John's Road, Kohimarama
Saturday 19th May, 2012

BBQ at 1200 - 1300 hours

Meeting starts at 1330 hours

Agenda

- **Reports from the Committee**
- **Appointment of Delegate at the NZART AGM in 2012**
- **Discussion about the remits**
- **Voting for each remit**
- **Other business**

We welcome NZART Members attached to Auckland Branch.

Proxies should be put in the hands of the Secretary before the meeting commences.



From the Secretary, Wallace, ZL1WAL

Telephone line:

The 'phone line has been buried, connected and it works. The phone number is 528-2039. How many years has this taken? Now we have to find a way to pay for it.

Subscription: (Wearing my other hat as Treasurer):

21 Members of 40 have paid their subscription (\$30). We are half way through the year and we urgently need the funds to finance our recent activities. Therefore, Invoices will be posted out to those whose subscriptions are overdue.

I would appreciate your payments being made by direct credit to our ASB Bank Account Number: **12-3047-0076823-00**. The Membership Renewal form is on the home page of our web site www.qsl.net/zl1aa/ Fill it in, then hit the "Submit" button (top left corner). This causes this form to be sent to ZL1AA@NZART.ORG.NZ automatically.

Remits: These will be discussed and voted on at the next General Meeting on 19th May at 1330 hours. We shall not have the guidance of Vaughan ZL1TGC this year. Therefore do your own homework and come to the meeting prepared to discuss and vote on these remits so as to give voice to our delegate to the NZART Conference at Nelson on Queens Birthday weekend in June.

NZART Members who are attached to our Branch, are entitled to vote on these remits (and other NZART matters) with our Branch - as is required by our Constitution. While they may not be Members of our Branch, we shall welcome them anyway. Proxies should be in the Secretary's hands before the commencement of the General Meeting.

Nets: The Committee decided last month to shift the times of the Branch nets as follows:

HF 3.645.00 MHz at **2000** every Monday

VHF 145.775 MHz at 2000 every **Thursday**.

Ray advises that he will be away and cruising the high seas during the month of June. The nets during that month will be run as follows:

HF by James ZL1KNI on Mondays 11th, 18th and 25th June.

VHF by Gwynne ZL1AAR on Thursdays 7th, 14th, 21st 28th June.

These Net masters would like to hear more Members and visitors checking in to tell us of their amateur radio activities and to provide feedback about your Branch Committee's projects.

Extracts:

The next Contests (as advertised in NZART Infoline #250 5 May)

The next contest is the **Hibernation Contest**, all bands 50 MHz and up, on Saturday the 9th and Sunday the 10th of June 2012. This is the weekend after Queen's Birthday weekend. The operating times are: Saturday 1700 to 2300 NZST and Sunday 0700 to 1300 NZST.

The contest after that is the Brass Monkey Contest, all bands 50 MHz and up, on Saturday the 4th and Sunday the 5th of August 2012. The operating times are: Saturday 1700 to 2300 NZST and Sunday 0700 to 1300 NZST.

The Contest Rules are available at:

www.vhf.org.nz/VHF-UHF-SHF-ContestRules

European Football Championship 2012 on the AIR"

.... is an on-the-air activity which promises to be a great deal of fun, organized by Polish and Ukrainian amateurs affiliated with PZK and UARL.

From **June 1 to July 5 2012**, there will be numerous special event stations active on the air. They will be operating concurrently with the 2012 European Football Championship, which this year is organized jointly by Poland and Ukraine.

More detailed information about our activity can be found on our website <http://efc2012.pzk.org.pl>

2012L — that is, **Two Oscar One Two London** — will be the callsign of the London ham radio station celebrating the London Olympic Games and Paralympics. We will be based at Eltham Palace which is in the London Borough of Greenwich, one of the six 'host boroughs' for the Games. The last letter of this special callsign denotes its location [Ed.]

We plan to make at least 60,000 contacts during the seven weeks operating on the air. Visitors may view an exhibition about radio communications and electronics, and sit down at the radio and make contact with amateur radio operators right around the world. Radio hams from around the world are encouraged to visit 2012L.

Auckland Branch 02, NZART (Inc)

Minutes of Committee Meeting

Date / Time / Place: Tuesday, 1st May 2012 / 1930 hours / Clubroom

Attendees: George ZL1TUJ (Presiding), Steve ZL1FS, Wallace ZL1WAL, Ray ZL1AJR, Japie ZL1JJN, Gwynne ZL1AAR, Ole ZL1OLE.

Apologies: Wes ZL3TE (attending ARRL DX conference).

Sustained ZL1TUJ / ZL1WAL

Visitors: Allan Hobbs ZL1AJH

Minutes of the previous Committee meeting on Tuesday 3rd April 2012

Taken as read and approved ZL1TUJ / ZL1WAL

Correspondence In:

Newsletters: North Shore, Franklin,
Auckland Council: approving use of Dingle Dell on 21 April 2012
NZART enclosing Examination forms (5)
NZART Break-in Editor debating which column is appropriate for Foxhunt article
Vaughan Henderson re delivery of foxes
QSL cards (three bundles)
Steve Hayman ZL1TPH with photos taken at the Fox hunt
KiwiBank Certificate of Interest Earned for 2011 shows withholding tax deducted is \$102.96.
John Martin ZL1AWE discussing his endeavors to obtain sponsorship for our fixed phone line costs.
Received ZL1WAL / ZL1TUJ

Arising:

George will provide larger post paid envelopes for QSL cards from Branch 86 due out next quarter.
The Committee appreciates the Community contribution / effort by John Martin to earn funds.

Correspondence Out:

Gerald Harbinson Real Estate thanking him for electric power on St Heliers Fair day 30th March.
Inland Revenue - Tax return 2011 (to claim back Withholding tax on Term Investment with KiwiBank)
NZART report about our NZ Amateur day publicity
Vaughan Henderson enquiring about health of two sick 2m Foxes
NZART Break-in Editor providing copy for "Around the Branches" article about the Inter-Branch Fox-hunt.
Participants of Fox-hunt with results
Bob Murphy thanking him for his donation

Approved ZL1WAL / ZL1TUJ

Finance:

The Treasurer presented the Year to date Finance report showing 20 Members subs are still unpaid.

Received ZL1AAR / ZL1TUJ

Payments requiring approval:

Paint	\$325.56	to Guthrie Bowden (already mandated)
Paint (3 rd tin)	\$119.19	to Gwynne Rowe
Roof painting	\$250.00	to Japie's son.
BBQ (Fox hunt)	\$44.85	to Gwynne Rowe
Lawns	\$34.50	to R Higgins
Postage (TradeMe)	\$31.00	to Wallace Bottomley
Badges	\$27.20	to Wallace Bottomley
Engraving cup	\$18.00	to Wallace Bottomley
Digger	\$943.00	to Scarbros Ltd.

Approved ZL1TUJ / ZL1AAR

Arising:

In addition, Insurance is likely to increase by 17% this year (to \$650). This is a high priority expense item.
The Treasurer is to write to all Members whose subs are outstanding and send them an invoice.
Whereas the operator of the digger had estimated that the job would take him one hour, he actually took 7½ hours charged at \$100 per hour, plus GST. An explanation should be sought.
We have insufficient funds to pay Scarbros all at once. The Treasurer is to ask Scarbros to allow us to pay by installments, say, for three months.
It is on record (2009) that Leith Jackson ZL1BCJ had reported that Scarbros had offered to dig a trench.
And Auckland Council have been kept informed about our broken 'phone line "problem" telling us to adopt the cheapest method.
The Treasurer is to seek guidance from their Leasing Dept. about how we should seek recompense.
Although the budget assumes the sale of \$450 worth of equipment, a loss of \$500 is expected this year.

Minutes (May 2012 continued):

Reports:

AREC – David ZL1DK, wants AREC qualified operators on 22-24th June for car rally control down south.
Phone line / trench – The cable has been laid. Steve will affix the connection boxes this week. However the trench between clubroom and implement shed is still open. Steve intends to ask the Pony Club if he can use their tractor to fill it in and level the ground between clubroom and shed.

Examinations – 1 passed – Nevill. He intends to operate VHF while hang-gliding.

Membership:

Subscriptions – 21 / 41 Members have paid

New Member – Allan Hobbs ZL1APH (ex Taumarunui)

57 attached Members (by NZART) are entitled to vote with the Branch on remits.

Secretary is to write to all asking them to attend the General Meeting on 19th May or give proxy.

Library – Nothing new to report.

Remotely operated station – It is still working using the Woosh connection

Batteries – The main charger was found to be switched off in the store room.

Batteries for 2M foxes (5) are being charged each Saturday when the clubroom is occupied.

Electric power reading is 407125; 300 units were used this month mainly by the remote station.

Smoke alarm / Surveillance – no progress.

Align Beam. This had to be deferred while Steve was at sea going to Japan (again).

Nets: George will check in to VHF Group net on Sunday 6th May at 2015 hours

HF 2000 Monday 3.645 Mhz;

VHF 2000 **Thursday** 145.775 MHz

Our Webmaster and the Break-in editor have been advised of these changes.

More participation would be appreciated.

Maintenance:

Painting roof – Done; it looks good.

Painting walls and base – scheduled for the next working bee.

Water supply pipe – repair is also needed to be made to the tap at the west side.

Drain from sink – Steve says that the blockage at ground level can be scooped out easily.

Sign – Ross Scarborough has drilled the wall at the gate and straightened up the ZL1AA sign.

Computers, LAN – Ole is authorized to get a wi-fi modem – cost about \$109.

Montgomery Cup engraving – Done

Digital Multi-meter – Ray ZL1AJR donated this. (Tools, scissors, side /wire cutters, etc. are sometimes not returned to their proper place – resulting in frustration by others wishing to use these – Ed.).

Inter-Branch Fox hunt Competition on 21st April - post mortem

Good reports have been heard. Gratitude was expressed by all who participated, particularly for:

The Event (organized by ZL1WAL); the BBQ (by ZL1AAR; Start / Finish administration (by ZL1AJR); hospitality (by ZL1WAL's XY); generous exchange of information / skills and good fellowship (by all); the attractive bush setting in Dingle Dell; and the fine weather.

The 80M single fox hunt after the main event was greatly enjoyed.

Results were e-mailed to all participants and Newsletter editors immediately after the event.

An article will be published in the "Around the Branches" column in the next issue of Break In.

Program for General Meetings (on 3rd Saturday of each month):

	Speakers	Visits
May 19th	Voting on Remits	Vaughan ZL1TGC is to be invited. [He is unavailable [Ed.]
June 16th	Report of NZART Conference	Also show Gwynne's son-in-law's video (40 m)

Membership drive: Wallace is to draft a flyer for posting on notice boards at Educational Institutes.

Projects:

Buy 3.51 and 3.55 MHz crystals from Rakon (\$20 each) for the two foxes built by Peter Ellis ZL1LS.

Build keyers and programmed them for ARDF codes, or buy two more PX-80B transmitters.

Assemble more 80m sniffers from Chinese circuit design, or order kit-sets from China.

Antennas to be discussed at the next meeting: Options include:

Trench is ready to receive coax now

Coax testing

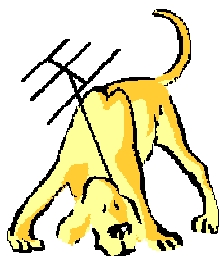
Beverage or big loop

160m is possible while the section is vacant

Central antenna switch with relays is required

Improvements for JWFD for 2013 (to be discussed in October)

The Meeting closed at 2140 hours with supper provided by Ray ZL1AJR.



The fox hunting page

By Wallace ZL1WAL



Inter-Branch Fox Hunt Competition in Dingle Dell Reserve - 21st April: This was a fun event to convene and organize and I was willingly assisted by Gwynne ZL1AAR who ran the BBQ and Ray ZL1AJR who controlled the Start and Finish. It was interesting to see the variety of sniffers and antennas that some competitors used. Some made the tape measure Yagi that was illustrated in previous newsletters. One had an attenuator. Next year I hope to see more phased antennas that use the Doppler effect to resolve the reflected signals problem inherent in 2m fox hunting.

All five foxes performed reliably and all were found by two of the competitors: our Simon ZL1SSW and VHF group's Harry ZL1BK. However, they were both heavily penalized (1 point per minute) for exceeding the one hour time allowed. But Vaughan ZL1TGC decided to give up his search for the fifth fox (worth 20 points) so as to finish with minimum time penalties, thus scoring better than the others - the winning strategy as it turned out. Whereas we say that foxes are cunning, and Orienteers refer to their sport as "Cunning Running", Vaughan showed that he was the most cunning hound in the Competition. Therefore VHF Group Branch take the title this year. See the following page for details: showing times, penalties and final scores.

After all competitors had returned from the main event, they were sent out again to find an 80m fox. Each were given one of the seven ferrite rod sniffers that we had assembled last year (and which I found in the storeroom last week). They enjoyed this impromptu bonus event.

Auckland Branch plan to convene an 80m fox-hunt next summer. Other Branches are planning to do likewise in their area.

An article will appear in the next issue of BREAK-IN where picture (right) will appear in the "Around the Branches" column. The pictures below were taken by Steve ZL1TPH, Newsletter Editor for the Auckland VHF Group.



Simon ZL1SSW and Vaughan ZL1TGC were runner up and winner of the Inter-Branch Fox hunting Competition at Dingle Dell hosted by Auckland Branch in 2012.



Simon ZL1SSW with his 2m phased antenna array sniffer.



Fox MOI on 2m in the bush.



Fox MOI on 80m. This was not part of the main competition.



"Where was fox MO5 hidden?" he asks.



Gwynne ZL1AAR, chief chef of the BBQ.



Stop press: The 12th USA (Region 2) ARDF Championships are scheduled for the first weekend in June 2012 at Mt Laguna Village, 45 miles east of San Diego. See www.homingin.com for more information.



RESULTS

Inter- Branch Fox-Hunting Competition

Dingle Dell, St Heliers on 21 April 2012

Convened by Auckland Branch

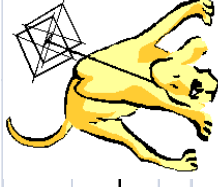
Hosted by Wallace, ZL1WAL

RULES

Time limit 1:00

Penalty / min. late 1

Each fox scores 20



Start Time	Name	Call-sign	Branch	Finsh	Penalty	Foxes	Missed	Score	Place
1:20	Rod Radford	ZL1RK	10	3:00	-40	3	C, V	20	
1:25	Ian Sangster	ZL1RCA	03	2:44	-19	2	F, C, D	21	
	Grant Manning	ZL1GSM	03						
1:30	Vaughan Henderson	ZL1TGC	66	2:37	-7	4	D	73	1
1:35	Steve Hayman	ZL1TPH	66	2:32	0	1	All except F	20	
1:40	Harry Pompe	ZL1BK	66	3:15	-35	5		65	3
1:45	Simon Watt-Wyness	ZL1SWW	02	3:19	-34	5		66	2
1:50	Tom McDonald	ZL1TO	10	2:48	0	1	All except F	20	
1:55	Allan Hobbs	ZL1AJH	02	3:00	-5	1	All except F	15	
2:00	Ole Runge	ZL1OLE	02	3:07	-7	3	C, V	53	

Dingle Dell

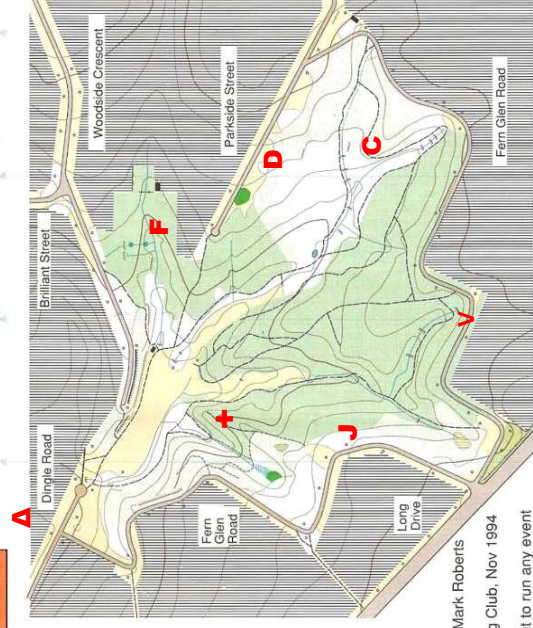
St Heliers, Auckland, New Zealand



Scale 1:2,500 Contour interval 3 metres

This map was created with funding assistance from Auckland City Council

Magnetic North



- Lampost or power pole
- Building, man-made object
- Scaled road
- Footpath
- Passable cliff
- Crossable stream; lake
- Waterfall; bridge
- Watercourse
- Earth bank
- Index contour, contour
- Form line, slope line
- Depression, pit

- Open land
- Open with undergrowth, slow run
- Open with undergrowth, walk
- Forest, run
- Forest, slow run
- Forest, walk
- Forest, fight; hedge; thicket
- Vegetation boundary

Basemap by Wallace Bottomley 1979
Fieldwork by Wallace Bottomley, Andy Brewis, Mark Roberts
Cartography by Mark Roberts using OCAD 5
Published and copyright by Central Orienteering Club, Nov 1994
Contacts 302 0506, 849 6562, 624 1513
Possession of this map does not confer the right to run any event
Contact Auckland City Council Parks & Reserves for permission

Foxes on 144.700 MHz

Callsign	Code
MOE	J
MOI	F
MOS	V
MOH	C
MO5	D
Start / Finish	A



A pe

3.520 MHz

(not part of the competition)