



# Western Suburbs Radio Club Inc.

## November 2003 Newsletter

ZL1AC, Branch 03 NZART 3000 Great North Road New Lynn, PO Box 15-122, New Lynn.

President: James Moore ZL1JYM, Secretary: Merv Thomas ZL1

Newsletter Editor - John Neill ZL1NE - john.neill@clear.net.nz

VHF Club Net Wednesday 07:30 146.525 MHz, HF Club Net Fridays 07:30 3.622 MHz

Website <http://www.qsl.net/zl1ac>

### Club Calendar

Saturday	1 <sup>st</sup>	November	WSRC Used Equipment Sale - Details below.
Monday	10 <sup>th</sup>	November	Keen Aw of Navman will speak on GPS Systems
Saturday	15 <sup>th</sup>	November	Horse Trial Event at Woodhill
Sunday	16 <sup>th</sup>		
Saturday	29 <sup>th</sup>	November	Working Bee at the Club
Saturday	6 <sup>th</sup>	December	North Shore Radio Club Jumble Sale Albany Hall (Details later)
Saturday	6 <sup>th</sup>	December	VHF Field Day
Sunday	7 <sup>th</sup>		
Monday	8 <sup>th</sup>	December	Club BBQ and Social Gathering.
Saturday	28 <sup>th</sup>	February	National Field Day
Sunday	29 <sup>th</sup>		

### Club Evening 10 November 2003

Keen Aw, ZL1KCA from "Navman" who has been a member of the club for about three months, will be the speaker at our next meeting. Keen will talk on GPS. GPS is cutting edge technology and many applications now use it to accurately locate position on the earth's surface. Try to make this meeting and give Keen a good audience.

### Last Club Evening

Following the formal part of the meeting there were various demonstrations by John ZL1JT on capacitors and leakage; Barry ZL1ACZ on a 1929 4 valve TRF Ultimate radio; and Michael ZL1ABS on the club's computer equipment. Michael has taken home the computer equipment that we have to restore up to a useable operating standard. A good social atmosphere was followed by supper.

Club members were informed at the meeting that any new or rewind transformer requirements that you may have can be handled by Errol Davis ZL1BID.

### WESTERN SUBURBS RADIO CLUB 03 EQUIPMENT SALE

SATURDAY 1 NOVEMBER 2003

ROSEBANK ROAD PRIMARY SCHOOL HALL

217 ROSEBANK ROAD, AVONDALE

Not the same place as last year but the same as previous years. The school has a brand new hall and has plenty of parking.

**TABLES ARE 10.00 EACH IF PREBOOKED or \$15.00 ON THE DAY**

**TO BOOK A TABLE PHONE**

**BARRY ZL1ACZ 09 627-9070;**

**ROY ZL1WI 09 814-9550**

**MERV ZL1SK 09 828-71**

**OR JUST ARRIVE AT 0800hrs**

Seller's 0800hrs Buyers 0900hrs

**The sale closes AT 1200hrs.**

**QUICK FIRE RAFFLES, CAFETERIA, HOT SAUSAGES**

**EVEN IF YOU ARE NOT BUYING OR SELLING COME ALONG FOR THE FUN AND MEET FELLOW AMATEURS!**

**SELLERS** There are a limited number of power outlets available. Please bring your own power leads if you intend to use power.

## Used Equipment Sale

Saturday, 1<sup>st</sup> November is the WSRC Used Equipment Sale at Rosebank Road Primary School. There are a limited number of tables left so book now to ensure you have a one. There may be none left if you leave it until Sale Day. Any branch member who has any items (junk) they wish to donate to the branch table please let Barry know or bring it along on Saturday. We would appreciate a few more helpers to assist in setting up, helping during day and cleaning up. Volunteers need to arrive at the Rosebank Primary School hall at 07:30 hours to help with setting up. If you are available to help with any of the above, please ring Barry Williams ZL1ACZ 627 9070.

We plan to try a table where a seller may display a larger item at no charge. No more than 3 items per person. The vendors responsibility and if the item is sold a donation to the club would be appreciated. This will be known as the commission table.

## BR 66 TRADING TABLE NEWS

Saturday 1 November 2003 in the VHF Group clubrooms in Hazel Ave, Mt Roskill, was to have been our next open day. Unfortunately this clashes with the Br 03 used equipment sale in Avondale, so the next Br 66 open day will be Saturday 15 November 2003. If anyone wants parts or radios before then please contact me on 836 8206 and we'll make a date to meet you at the clubrooms.

73 Doug ZL1AVY

## Western Suburbs Radio Club Branch 03, NZART Inc Minutes of the 8th meeting for 2003 of the elected Committee Monday 20th October 2003 (Abridged version by Ed)

**Attendance:** James Moore ZL1JYM, President; Merv Thomas ZL1SK, Secretary; John Turnwald ZL1JT, Treasurer; Brian Huggard ZL1MW, AREC; Ross Reddell ZL1VRR; Barry Williams ZL1ACZ

Meeting commenced at 1926 hours.

**Apologies:** Bob Highet ZL1GD

**Radio check-ins:** ZL1GD, ZL1VRR

**Minutes:** as circulated by email by the secretary were taken as a true and correct record.

**Moved:** Brian Huggard ZL1MW. **Seconded:** James Moore ZL1JYM

**Matters Arising:** Nil

**AREC** Nothing to report on the STSP repeater as filters are not yet in the country. Successful AREC training sessions over 2 weekends at Br: 66. Horse trials coming up on 15 and 16 November 2003.

**Correspondence: Inwards** 3 Branch newsletters. Contract for Craw's Paddock in Anawhata Road site for Field Day which the Chairman signed off and the Treasurer provided a \$20.00 cheque for. NOTE: (Dates needed to be changed to the following week of 28 and 29 February 2004 which the Secretary did on 22 October and posted the cheque.)

## General Business:

**Moved:** Barry ZL1ACZ, **Seconded:** James ZL1JYM that Ross ZL1VRR be reimbursed for supper biscuit purchases.

Full discussion on equipment sale requirements and arrangements. Bob ZL1GD has offered his trailer for moving product from the clubrooms. A "Commission" table was decided on and Barry ZL1ACZ will publicise it in an early newsletter. James ZL1JYM will arrange the supply of sausages and arrange with Alex Learmond ZL1BVK for production of raffle tickets. Catering will be organized by Roy ZL1WI and Ross ZL1VRR. Volunteers will be required at the venue at 06.00 hours for setting up. John ZL1JT and Merv ZL1SK will organize numbering the tables and directing the stall owners to their tables.

A report on the Clubrooms and Grounds legal requirements. Reference was made to the 1960 and 1961 minutes and letters from various Official sources.

Meeting concluded (stopped) (finished) (halted) (packed-up) at 20-52 hours.

Merv Thomas, Secretary / Vice-President / Scribe  
22<sup>nd</sup>: October 2003.

## AREC Region Training

Two training days were held at the Auckland VHF Group Club-Rooms, Branch 66, in Hazel Avenue Mt Roskill on the 12<sup>th</sup> and 19<sup>th</sup> of October. These provided valuable training in AREC communications. About 30 people attended the training sessions. Saturday 12<sup>th</sup> concentrated on Search and Rescue (SAR) topics and Saturday 19<sup>th</sup> concentrated on Civil Defence issues. The theme of both sessions was readiness if and when we are needed. Most of the course was in lecture format and there was some practical message handling exercises and demonstrations of portable antennae. Pictured below are a few shots of Harry's, ZL1BK, set-up. He was on the air in 8.5 minutes from when he unlocked the car door. Not bad eh!



Poles assembled, Dipole attached and the 2m/70cm whip attached to the top of the pole ready to be raised. Harry has a stand that fits under the back wheel, similar to a Real Estate flag base.



The two dipole sides are wound into two plastic plumb-bob cases. Harry uses Teflon coated wire and has marks at 10, 15, 20, 40, and 80 metre bands on the wire. He simply unwinds the right amount for each band.



The erected antenna. Note the blue sky in the background. The start of another great Auckland summer? (Paper copy recipients will have to believe me it was blue!)



Another natty idea is two telescoping fishing rods with wire wound around instead of the usual fishing line. This set-up can be erected in seconds by expanding the fishing rods and then slipping into a 'T' piece on the top of a pole. The antenna can be rotated or held at any angle for the best reception. Plugs and sockets along the wire dipoles allow for operation on more than one band.

## New QTH

We hear that Shirley Freeman ZL1BI is changing QTH to a smaller residence, but still in the Titirangi area. Many of us will have operated Field Day from Shirley's old QTH in the Waitakeres over several years. We thank Shirley for her past hospitality and hope she enjoys her new QTH. Thank you Shirley.

## Working Bee

On Saturday 29<sup>th</sup> November there will be a working bee at the clubrooms. There will be a major push to finish off the antennae, get the HF gear operating and maintenance on the building. Obviously this is subject to the weather. Please put a couple of hours aside and lend a hand.

## Power Line Communications

The Ministry of Economic Development, Radio Spectrum Management Group, has provided this statement to indicate the current New Zealand position on PLC:

“The New Zealand situation is essentially the same as Australia.

PLC networks and terminal equipment are similar to Cable TV in that although they are not radio transmitters ("intentional radiators" in the US terminology), they are potentially interfering equipment (i.e. "unintentional radiators") and therefore come within the scope of the EMC framework. The revised FAQ below summarizes the NZ position.

What are the requirements for overhead powerline communications systems (PLC's)?

Overhead powerlines are level 1 'interfering equipment', and any telecommunications on *low-voltage* lines, and associated terminal equipment, must comply with EN50065-1 or IEC 61000-3-8 as prescribed in the Radiocommunications (EMC Standards) Notice.

Presently, however, there are no specific standards applying to telecommunications over high-voltage lines, and associated PLC terminal equipment. The Ministry will monitor the development of international standards for both. When PLC standards are developed it is likely that the equipment will be required to meet level of conformity 2 requirements.

In the meantime, under regulation 34 of the Radiocommunications Regulations 2001, the Ministry can require PLC high-voltage network operators, and persons installing, supplying or using PLC terminal equipment, to take all reasonable steps necessary to minimise harmful interference to radiocommunications services.

At present customer premises telecommunication terminal equipment (TTE) is required to meet level 3 requirements however this will be changed to level 2 in the near future (in conjunction with Australia under the Trans-Tasman Mutual Recognition Arrangement (TTMRA). The timing for this is likely to be by end of 2003 or early 2004.

If any new relevant IEC standards emerge, MED will negotiate with Australia with a view to bringing them under the AU-NZ harmonised EMC arrangements.”

The “Radiocommunications (EMC Standards) Notice” referred to can be found at:

<http://www.med.govt.nz/rsm/standards/notices/emc-stds/index.html>

The Australian position, with two explanatory papers, is at:

[http://www.austel.gov.au/radcomm/frequency\\_planning/radiofrequency\\_planning\\_topics/bdplcs.htm](http://www.austel.gov.au/radcomm/frequency_planning/radiofrequency_planning_topics/bdplcs.htm)

## Club Nets

VHF Net 146.525 MHz 7:30pm every Wednesday HF Net 3622 KHz +/- QRM/QRN 7:30pm every Friday  
HF Net Roster, Branch 03 The full roster is on: <http://www.qsl.net/zl1ac/wsrg-hf-roster.html>

31 October 2003	ZL1WI	Roy
7 November 2003	ZL1VRR	Ross
14 November 2003	ZL1MW	Brian
21 November 2003	ZL1JL	John
28 November 2003	ZL1NE	John
5 December 2003	ZL1ACZ	Barry