



Western Suburbs Radio Club Inc.

July 2013 Newsletter

ZL1AC, Branch 03 NZART 3000 Great North Road New Lynn,
 PO Box 15-122 New Lynn WAITAKERE 0640
 President: Ian Sangster ZL1RCA, Vice President – Grant Manning ZL1GSM.
 Secretary: Roy Milam ZL1WI. Newsletter Editor – John Neill ZL1NE
 VHF Club Net Wednesday 07:30pm 146.525 MHz,
 HF Club Net Fridays 07:30pm 3.650 MHz
 Website <http://www.qsl.net/zl1ac>

Club Calendar

Saturday	27 th	July	Committee Meeting – 9:00am sharp.
Saturday	27 th	July	Club Meeting 10:00am – Guest Speaker Vaughan Henderson, President NZART
Saturday	24 th	August	Committee Meeting – 9:00am
Saturday	24 th	August	Club Meeting 10:00am – Bring and Tell
Saturday	21 st	September	Committee Meeting – 9:00am
Saturday	21 st	September	Club Meeting 10:00am – e-Book Presentation
Saturday	2 nd	November	Used Equipment Sale
Saturday	23 rd	November	Committee Meeting – 8:00am Working Bee
Saturday	23 rd	November	Club Meeting 9:00am – Working Bee at the Club – Proposal is to paint the outside of the Clubrooms.
Saturday	30 th	November	Working Bee Rain Day
Wednesday	18 th	December	End of Year Dinner at the New Lynn RSA

July Meeting

The July meeting on the 27th will be a talk by Vaughan Henderson, ZL1TGC, president of NZART. Vaughan will bring us up to date on NZART matters, the draft Auckland Unitary plan, and there an opportunity for you to ask any question that you may have.

June Meeting

The June meeting was a talk on traffic engineering by John ZL1NE. John spoke on some of the safety initiatives that are being taken by the road controlling authorities to improve our roading network and reduce the severity of crashes.

WWW.dubdubdub

Eric ZL1ERI has developed a website. On his site you will find all sorts of intersecting things. There are handy electrical calculators, assistance in tuning TV's and VCR's, catching cockroaches and bus timetables to name a few. Have a look and I am sure Eric will be interested in any feedback you may have. I got the web address wrong last month so here it is again. <http://www.dubdubdub.net.nz/index.html>

There is also a link to Eric's site on the club website. <http://www.qsl.net/zl1ac>

Club Nets

VHF Net 146.525 MHz 7:30pm every Wednesday, HF Net 3650 KHz +/- QRM/QRN 7:30pm every Friday. All are welcome to check in on the nets. The HF Net roster is opposite. The full HF Net roster can be found on: http://www.qsl.net/zl1ac/wsrc-hf-roster.pdf	26-Jul-13	ZL1RCA	Ian
	2-Aug-13	ZL1MW	Brian
	9-Aug-13	ZL2ATZ	Tony
	16-Aug-13	ZL1WI	Roy
	23-Aug-13	ZL1NE	John
	30-Aug-13	ZL1RCA	Ian
	6-Sep-13	ZL1MW	Brian
	13-Sep-13	ZL2ATZ	Tony
	20-Sep-13	ZL1WI	Roy
	27-Sep-13	ZL1NE	John

AREC

No AREC activity in the last month other than the weekly checks at the Civil Defence radios at Elcoat Avenue carried out by Ian ZL1RCA and Grant ZL1GSM.

NASA's OPALS to Beam Data From Space Via Laser RELEASE 13-214

PASADENA, Calif. -- NASA will use the International Space Station to test a new communications technology that could dramatically improve spacecraft communications, enhance commercial missions and strengthen transmission of scientific data. The Optical Payload for Lasercomm Science (OPALS), an optical technology demonstration experiment, could improve NASA's data rates for communications with future spacecraft by a factor of 10 to 100. OPALS has arrived at NASA's Kennedy Space Center in Florida from the agency's Jet Propulsion Laboratory (JPL) in Pasadena, Calif. It is scheduled to launch to the space station later this year aboard a SpaceX Dragon commercial resupply capsule on the company's Falcon 9 rocket. "OPALS represents a tangible stepping stone for laser communications, and the International Space Station is a great platform for an experiment like this," said Michael Kokorowski, OPALS project manager at JPL. "Future operational laser communication systems will have the ability to transmit more data from spacecraft down to the ground than they currently do, mitigating a significant bottleneck for scientific investigations and commercial ventures." OPALS will be mounted on the outside of the International Space Station and communicate with a ground station in Wrightwood, Calif., a mountain town near Los Angeles. "It's like aiming a laser pointer continuously for two minutes at a dot the diameter of a human hair from 30 feet away while you're walking," explained OPALS systems engineer Bogdan Oaida of JPL. The OPALS instrument was built at JPL and is slated to fly on the Dragon capsule in late 2013. The mission is expected to run 90 days after installation on the station. The OPALS Project Office is based at JPL, a division of the California Institute of Technology in Pasadena. For more information about OPALS, visit: <http://go.nasa.gov/10MMPDO>
For more information about the International Space Station, visit: <http://www.nasa.gov/station>

WESTERN SUBURBS RADIO CLUB: BRANCH 03

P.O BOX 15-122 NEW LYNN 0604 AUCKLAND

Branch03@nzart.org

To past sellers and buyers at our previous equipment sale, just a reminder of this year's sale. An invitation to all to our very entertaining and social function.

EQUIPMENT SALE

SATURDAY 2nd November 2013

At the ROSEBANK ROAD PRIMARY SCHOOL HALL
217 ROSEBANK ROAD, AVONDALE
(THE SAME PLACE AS PREVIOUS YEARS)

It's a lovely big hall and there is plenty of parking.

TABLES ARE \$10.00 each PRE PAID BEFORE SALE DATE
Or \$15.00 each ON THE DAY OF SALE
SELLERS: 0800HRS BUYERS: AT 0900HRS

NB: ONLY SELLERS IN HALL BEFORE 0900HRS

TABLE BOOKINGS - Please contact

ROY, ZL1WI (09) 814 9550

JOHN, ZL1JT (09) 827 3538 jbt.greenbay@xtra.co.nz

**Cheques to reach PO box 15,122 or 29 Cliff View Drive on or before
Friday 1st November 2013.**

NOTE: All unsold equipment must be removed by vendor at close of sale.
Come and discover in person some of the new or changed call sign holders.

Entry fee to sale of \$2.00 payable by all visitors.

SALE CLOSSES AT MIDDAY

Cafeteria with hot sausages, biscuits, tea or coffee available on site, tables and chairs available to sit down and have a rag chew.

Even if you are not buying or selling come along for the fun and meet fellow electronic enthusiasts.

All N.Z.A.R.T branches, private and commercial vendors are more than welcome.

Sellers Note: There are limited power outlets available, so please bring your own power boards and leads if required.

NOTE: to assist buyers a 12 volt 30 amp power supply with power meter and dummy load will be available on site to test any prospective transmitter purchase.

Club Fees

Club Fees are Now Due. Please send your payment to:

Western Suburbs Radio Club
3000 Great North Road
PO Box 15-122
New Lynn
WAITAKERE 0640

Or pay the Secretary at the next meeting.

NAME _____

Please Tick	Standard Membership	<input type="checkbox"/>	\$30.00
	Family Membership	<input type="checkbox"/>	\$35.00
	Rural Membership	<input type="checkbox"/>	\$10.00
	Total Paid		_____
