

BRANCH 37 NZART



BRANCH MEETING WILL BE HELD AT
249 ETRICK STREET INVERCARGILL ON
TUESDAY 08 MARCH 2011. CLUBROOMS

PHONE 2188686

www.zl4gq.com



ZL4GQ

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EMERGENCY MANAGEMENT SOUTHLAND

ACKNOWLEDGES THE NEED
FOR EFFECTIVE OVERALL
COMMUNICATION AND THE
SUPPORT RECEIVED FROM
MEMBERS

WE ARE PLEASED TO BE ASSOCIATED
WITH THE PRODUCTION OF THE CLUB
NEWSLETTER

Branch Meeting 15 March 2011

This month meeting will be a talk by Alistair Babington about digital radio.

LAST MONTHS MEETING

Was a social get together followed by the evening supper.

BRANCH 37 NET

Every Sunday night at 20:00hrs on 145.775/146.800Khz is the branch 37 weekly net. All hams are welcome to come on to the net, even if its just to say hi.

NZART BROADCAST

Last Sunday of the month 20:00 repeated 21:00 3900Khz

AREC:

Training Night on first Tuesday of the month at the club rooms.

BRANCH MEETINGS:

Remember our meeting night on the second Tuesday of the month, at 7.30 pm.

HAM RADIO CLASSES

If you are interested in taking part in ham radio classes for the 2011 year, please contact Neville ZL4OX for more info as to when classes will start

COMMITTEE MEETING:

Committee Members remember that your meeting will be held at 7.00 pm, on the second Tuesday of the month, before the Branch Meeting.

**Please have all copy for the
Newsletter to Tom ZL4HD**

by 5pm Monday,

28 March 2011.

126 Barrow street Bluff

Phone: 2128390 or 0226221863

Email: tomrh@xtra.co.nz

Some Famous People and Their Callsigns

- 1.W5CY Howard Hughes - Billionaire, Inventor, aviator, aircraft designer
- 2.W2JOF Sir Cliff Richard - Singer (W2JOF is his USA callsign)
- 3.WD4SKT Donnie Osmond - Singer
- 4.WB6ACU Joe Walsh - Of The Eagles & James Gang
- 5.JA3FA Tokuzo Inoue - Founder of ICOM
- 6.3A0AG Prince Alberto Grimaldi - Monte Carlo, Monaco
- 7.W6RO Queen Mary Ocean Liner - Wireless room operated by The Associated Radio Amateurs of Long Beach Calif
- 8.W6DOE Clarence Leonidas Fender (Leo Fender) - He of Fender electric guitars. Prolific inventor & designer of instruments
NZART infoline.

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BRANCH SUBS

Single	\$40.00
Family	\$45.00
Junior	\$15.00
Associate	\$20.00



Subs remain the same for this year.

This will be the last newsletter you'll receive if your subs are not paid by the end of March.

Fund raiser One way to raise funds for the club is to hire out the clubrooms. If you know of any club/group that might be interested let someone on the committee know.

BRANCH COMMITTEE

President	Bill Obers ZL3TPE
Phone	215 9765
Secretary	Mike Bailey ZL4OM
Phone	0273 446 851
Treasurer	John Willoughby ZL4FV
Phone	2166569
AREC	Neville Checketts ZL4OX
Phone	2166599
Committee	
Owen Baird	ZL4OB Phone 2166055
Tom Hardwick	ZL4HD Phone 2128390
Neville Checketts	ZL4OX Phone 2166599
Paul Aronsen	ZL4PA Phone 2358436
Don Collie	ZL4GX Phone 2165729

SUB PAYMENTS

For those people that will pay their subs online please make sure that they put the call sign as ID. If there is no ID it is impossible to know who has paid the sub.

Branch 37 Sunday net roster

March 06	Neville Checketts	ZL4OX
March 13	Tom Hardwick	ZL4HD
March 20	Owen Baird	ZL4OB
March 27	Neville Checketts	ZL4OX
April 03	Tom Hardwick	ZL4HD
April 10	Owen Baird	ZL4OB
April 17	Neville Checketts	ZL4OX
April 24	Tom Hardwick	ZL4HD
May 01	Owen Baird	ZL4OB
May 08	Neville Checketts	ZL4OX
May 15	Tom Hardwick	ZL4HD
May 22	Owen Baird	ZL4OB
May 29	Neville Checketts	ZL4OX
June 05	Tom Hardwick	ZL4HD
June 12	Owen Baird	ZL4OB
June 19	Neville Checketts	ZL4OX

If anyone feels as if they would like to have a go at being a net controller please let Tom **ZL4HD** know. It would only be about once very 4 or 5 weeks.

CALLSIGNS ON THIS MONTHS NETS

ZL4DE	ZL4HD	ZL4IG	ZL4PA
ZL4OM	ZL4KJ	ZL4KC	ZL4OB

Is your call sign here? Hope to see you on the net. Every Sunday night 20:00 hrs

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EARTH-DIRECTED SOLAR FLARE COMES OUR WAY

Has Mother Nature finally heard the prayers of hams world? This may be the case as Old Sol unleashed Sunspot number 1158 at 17:58 UTC on Sunday, February 13th.

Sunspot 1158 is described as the strongest solar flare of the year so far. It was an M6.6-category blast. The eruption produced a loud blast of radio waves heard in shortwave receivers around the dayside of our Earth. NASA's Solar Dynamics Observatory recorded the intense flash as being of extreme ultraviolet radiation.

Preliminary data from the STEREO-A and SOHO observatories in space agree that the explosion produced a fast but not particularly bright coronal mass ejection. The actual cloud was predicted to hit our planet's magnetic field on or about February 15th and held the potential to cause high latitude auroral displays.

At its initial peak also on February 15th the active region of this solar eruption was more than 100,000 km wide with at least a dozen Earth-sized dark cores scattered beneath its unstable magnetic canopy.

(AF4JF, VHF Reflector)

VK CLUBS TO LUNCH COCKROACH TO NEAR SPACE

And finally this week, two clubs down-under are joining forces to send a cockroach to the edge of space in a balloon aptly named Loki One. Yes, we said a cockroach as in those kind of disgusting bugs that nobody wants to find in their homes. Here's the rest of the story.

Norse mythology claims that Loki is the great mischief-maker. It's also the name of the edge of space balloon experiment that the Tamworth Radio Club members and Tamworth Oxley Scout members will be launching in the coming weeks.

The payload of Loki-1 includes an APRS equipment for tracking and flight data; a camera set to take photos at 1 minute intervals; sensors to record temp and radiation, some paper aircraft that will be dropped from a height of approx. 30 kilometres with information on them about the scout group and, of course, the previously mentioned cockroach.

The Tamworth radio club has installed 7 ground stations around the North West and New England regions of New South Wales. These will be used to receive APRS data from Loki-1 then transfer it to the internet for live tracking via the APRS network. It is expected that Loki-1 will reach an altitude of about 100,000 feet giving the craft a radio horizon of 700 kilometers.

As airspace is heavily regulated regarding its use, the flight planners say that negotiations are well in hand with Australia's airspace regulator the Civil Aviation Safety Authority as well as air traffic controllers. This, regarding a host of regulations that need to be complied with regarding the flight of the balloon through controlled air space which in Australia starts at various altitudes above ground depending on where you are, and extends right straight up to 60,000 feet. Most civilian jet aircraft cruise at an altitude between 25,000 and 40,000 feet. Non compliance with all the necessary regulations can carry severe penalties.

As to the welfare of the cockroach? Well nothing has been said if it will fly in a pressurized compartment or just have to take its chances as the balloon makes its way to the edge of space and back down to the ground. And at airtime there has not been any outcry of inhumane treatment of the bug from the Society for the Prevention of Cruelty to Cockroaches, if such a group even exists.

Up to date information on this high altitude balloon flight can be found on Tamworth Radio Club's web site under the topic of projects. It's in cyberspace at www.trci.org.au

(Southgate, VK2BOZ and VK2YGV)

NORWAY TO END ANALOG FM BROADCASTING IN 2017

The Norwegian Government has announced plans that would see both the nation's national public and commercial radio services cease all analog FM broadcasts in 2017. A report in Radioworld Online quotes a Norwegian government press release as saying that the nation's radio industry wants an end of analog FM and the government is now taking active steps to facilitate a transition to digital radio and to take care of listeners' interests. More is on-line at

www.rwonline.com/article/113286.

NASA's First Solar Sail NanoSail-D Deploys in Low-Earth Orbit

HUNTSVILLE, Ala. – Friday, Jan. 21 at 10 a.m. EST, engineers at NASA's Marshall Space Flight Center in Huntsville, Ala., confirmed that the NanoSail-D nanosatellite deployed its 100-square-foot polymer sail in low-Earth orbit and is operating as planned. Actual deployment occurred on Jan. 20 at 10 p.m. EST and was confirmed today with beacon packets data received from NanoSail-D and additional ground-based satellite tracking assets. In addition, the NanoSail-D orbital parameter data set shows an appropriate change which is consistent with sail deployment...more info at:

http://www.nasa.gov/mission_pages/smallsats/11-010.html

Note frequency of its transmissions: 437.270 MHz

Related Web site is interesting and where you can submit a report.

<http://nanosaild.engr.scu.edu/dashboard.htm>

Jamie ZL2NN

Branch 37 in cyberspace

The club website is back up and running again. You can find it at www.zl4gq.com

If any member would like to add to the website, they can do so by email Ken@webfactor.co.nz



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