

# BRANCH 37 NZART



BRANCH MEETING WILL BE HELD AT  
249 ETTRICK STREET INVERCARGILL ON  
TUESDAY 14 FEBRUARY 2011.  
CLUBROOMS PHONE 2188686



[www.zl4gq.com](http://www.zl4gq.com)

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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 14 February 2010

This month meeting will a mystery topic. Come along and find out what will happen.

### LAST MONTHS MEETING

Was a talk by Robin ZL4IG about his trip around Europe, followed by a the Xmas 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

Due to the lack of people attending Ham radio classes this year, there won't be any classes this year.

### 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,**

**24 January 2011.**

**126 Barrow street Bluff**

**Phone: 2128390 or 0226221863**

**Email: [tomrh@xtra.co.nz](mailto:tomrh@xtra.co.nz)**

GLOBAL TUNES REACHES 55 RECEIVERS WORLD WIDE

You can now access 55 receivers world wide on the Global Tuners dot com website. Receivers on-line operate a variety of modes including the AM and FM broadcast bands, the shortwave spectrum, HF and UHF bands in various modes.

Countries currently on-line include the USA, Australia, Finland, France, Germany, Greece, Italy, Hong Kong, the Netherlands, the Slovak Republic, Sweden and the United Kingdom to mention only a few. So far there are 33,777 registered members and you will have to sign up for an account if you wish to control a receiver.

For more information take your web browser to [www.globaltuners.com](http://www.globaltuners.com) and global tuners is spelled as one word. (Global Tuners)

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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.

### **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

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

### 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**

January 02	Neville Checketts	<b>ZL4OX</b>
January 09	Tom Hardwick	<b>ZL4HD</b>
January 16	Owen Baird	<b>ZL4OB</b>
January 23	Neville Checketts	<b>ZL4OX</b>
January 30	Tom Hardwick	<b>ZL4HD</b>
February 06	Owen Baird	<b>ZL4OB</b>
February 13	Neville Checketts	<b>ZL4OX</b>
February 20	Tom Hardwick	<b>ZL4HD</b>
February 27	Owen Baird	<b>ZL4OB</b>
March 06	Neville Checketts	<b>ZL4OX</b>
March 13	Tom Hardwick	<b>ZL4HD</b>
March 20	Owen Baird	<b>ZL4OB</b>
March 27	Neville Checketts	<b>ZL4OX</b>
April 03	Tom Hardwick	<b>ZL4HD</b>
April 10	Owen Baird	<b>ZL4OB</b>

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

### CALLSIGNS ON THIS MONTHS NET

<b>ZL4OB</b>	<b>ZL4HD</b>	<b>ZL4OX</b>	<b>ZL4GD</b>
<b>ZL4KJ</b>	<b>ZL4KC</b>	<b>ZL4PA</b>	<b>ZL4GX</b>
<b>ZL4VAQ</b>	<b>ZL4OM</b>		

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

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## 10 YEAR OLD DISCOVERS SUPERNOVA

A 10 year old Canadian girl who is being credited as the youngest person ever to discover supernova. Bill Pasternak, WA6ITF, is in the newsroom with her story:

Kathryn Aurora Gray, of Fredericton, New Brunswick, Canada, made her discovery this past New Year's Eve. This, after noticing what was later determined to be a magnitude 17 supernova, or exploding star.

The supernova took place in the distant galaxy known as UGC 3378 which is about 240 million light years away from Earth. The Royal Astronomical Society of Canada says that at age 10, Kathryn is definitely the youngest person ever to make such a discovery. A finding which has since been verified by amateur astronomers in Illinois and Arizona. It also has been reported to and confirmed by the International Astronomical Union.

Kathryn's father, Paul Gray, helped her make the discovery by taking the steps to rule out asteroids and checking the list of current known supernovas. Paul Gray is also an amateur astronomer. He says that his daughter expressed an interest in the field last year after learning that a 14 year-old had once discovered a supernova.

Paul Gray gave Kathryn a test run last November using some old files. When she did it on her own on New Years Eve she made her discovery after going through only the fourth of 52 images that had been e-mailed to her father by amateur astronomer Dave Lane of Stillwater Lake, Nova Scotia.

Talk about a little girl with a big future in the world of scientific and astronomy. We say congratulations.

For the Amateur Radio Newsline, I'm Bill Pasternak, WA6ITF, in Los Angeles.

The last known supernova in our galaxy occurred several hundred years ago. The new one discovered by Kathryn has been named 2010LT. (Science OnLine)

## 2011 NEW ZEALAND DX HALL OF FAME INDUCTEES

John N. Shaw, ZL1BYZ, Bryan Anderson, ZL2AFT, and the late Peter W. Watson. ZL3GQ, have been selected as the 2011 honorees have been selected for induction into the New Zealand DX Hall of Fame.

Each was chosen based on his dedication to ham radio and the furthering of the art of DX operation.

The New Zealand DX Hall of Fame was established in 2009 to honor those outstanding ZL DXers and contesters who have excelled in the radio sport aspect hobby over many years. The current panel of judges includes Ken McCormack, ZL1AIH, Duncan McMahon, ZL3JT and Bill Carney, ZL3NB. (ZL2AL)

## RUSSIA TO TAKE THE INTERNET INTO SPACE

Russian engineers have started drawing up a plans to take the Internet into space. They say that their new Kosmonet project and its implementation will provide an opportunity for Runet users to enter the Internet in a whole new way. Amateur Radio Newsline's Bruce Tennant, K6PZW, has more:

The developers of the system say that rapid access to the Internet is only part of the task set before the Kosmonet. They give priority to guaranteeing communications between spacecraft and establishing control over Russian orbited flying objects from any point on the Earth and stable communications with remote regions of Russia.

Vitaly Davydov is the deputy head of the Russian space agency. He says that such a communication system is crucial for the north and in the Polar Regions of Russia because satellites in the geostationary orbit cannot provide access to these regions. He notes that for his nation to build fixed transmitters there or lay optic fiber cables to these regions is either economically inexpedient or technically impossible.

The new project is an upgraded version of the present system known as Gonets which translates into the word Messenger in English. Davydov says that it is crucial for Russia to have the possibility of ensuring communication with any of its satellites at any time and linking them with the mission control centers. In short, says Davydov, Russia is lifting the Internet into orbit.

The developers emphasize that the "Kosmonet" does not depend on a ground infrastructure. Rather, communications will be maintained with the assistance of terminals and basic stations through satellites. Consequently, emergency situations such as earthquakes or other calamities cannot interrupt the proposed systems communications.

For the Amateur Radio Newsline, I'm Bruce Tennant, K6PZW, in Los Angeles.

Davydov says that at present, there is no such system, and his nation hopes to enter into this market first. (Southgate)

## COMMEMORATING THE FIRST MOONBOUNCE EXPERIMENT

The Nashua Telegraph newspaper reports on the anniversary of the first Moonbounce transmissions that took place on January 10, 1946. That's when the U.S. Army Signal Corps performed an experiment dubbed Project Diana to see if a radio signals could be sent into space and then received back by on Earth bouncing them off the Moon.

The transmissions took place at Camp Evens, Wall Township New Jersey using an antenna that resembled a pair of bed springs. This experiment has been commemorated on a web page sponsored by the Ocean-Monmouth Amateur Radio Club. You can find it in cyberspace at [www.omarc.org/diana1.htm](http://www.omarc.org/diana1.htm). (OMARC, Southgate)

## OVER THE HORIZON RADAR ON 7 AND 10 MHZ

The latest issue of the free IARU Monitoring System newsletter reports on Russian radar in 7 MHz. The newsletter said that the Over the Horizon Radar from Russia was active between 7000 and 7200 kHz with burst transmissions on 5 different frequencies on December 30th of 2010. The pulse rate was, as always 66.66 pulses per second. Meantime another Over the Horizon Radar that is based in Cyprus has been destroying communications on the 10 MHz band every afternoon. (IARUMS Region 1)

### **Branch 37 in cyberspace**

The club website is back up and running again. You can find it at [www.zl4gq.com](http://www.zl4gq.com)

If any member would like to add to the website, they can do so by email [Ken@webfactor.co.nz](mailto:Ken@webfactor.co.nz)



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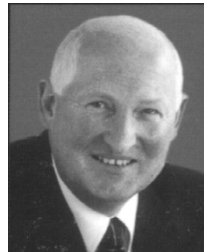
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