

# BRANCH 37 NZART



BRANCH MEETING WILL BE HELD AT  
249 ETRICK STREET INVERCARGILL ON  
TUESDAY 14 JUNE 2011. CLUBROOMS  
PHONE 2188686  
[www.zl4qq.com](http://www.zl4qq.com)



VOLUME 32 ISSUE 05

JUNE 2011



## 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 June 2011

Will be a talk by Aron Harvy about the new police radio system.

### LAST MONTHS MEETING

Was a talk by Tom ZL4HD on listening to digital modes using your sound card and a pc mic.

### 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 2011

Classes will be held on Thursdays at 7.30 pm every week at the Clubrooms. Classes will start on April 7th and run until mid July. Contact Neville ZL4OX for more info.

### 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, 27 June 2011.**

**126 Barrow street Bluff**

**Phone: 2128390 or 0226221863**

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

### AREC AGM:

The areca gm will be held in the July meeting, which will be 12/07/11.

### WANTED

**An HF rig. In going order, at a reasonable price. Please contact:**

**Barrington Lloyd**

**PH: 021712126**

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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        | <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> |

### SILENT KEY

Tony Newton ZL4ANW, a member of Branch 37 passed away on Sunday 28 May after a short illness.

Tony was a English import and had been a Branch member for the past 8 or 9 years. He was active on both HF and VHF including Echo Link. He had many years involvement with the RSGB Emergency Communication group in Southern England.

Tony addressed a Club meeting a few years ago on his UK communications experiences and had an interest in our AREC operation.

We all express our deepest sympathies to his New Zealand Wife, Wendy.

De ZL4OX

### Net Roster

June 12	Owen Baird	ZL4OB
June 19	Neville Checketts	ZL4OX
June 26	Tom Hardwick	ZL4HD
July 03	Owen Baird	ZL4OB
July 10	Neville Checketts	ZL4OX
July 17	Tom Hardwick	ZL4HD
July 24	Owen Baird	ZL4OB
July 31	Neville Checketts	ZL4OX
August 07	Tom Hardwick	ZL4HD
August 14	Owen Baird	ZL4OB
August 21	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 |
| ZL4OX | ZL4AC |       |       |

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

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## **HAM RADIO RESPONDS TO JOPLIN TORNADO**

Ham radio operators are a part of severe weather spotting as well as being involved in relief efforts as tornadoes continue to ravage the South. We have the latest in this report:

Actually, four days after the severe weather struck, very little is known about the role being played by radio amateurs in the South, especially in and around Joplin, Missouri. That's because they are far too busy saving lives and reporting damage to stop to make reports to the press.

We do know come from published news reports that quote Ron Kittleman, K0ADI. He says that hams have been stationed at the Springfield Missouri office of the National Weather Service. Also, that amateurs from ARES have been providing communication between hospitals and assessment teams following the tornado that hit Joplin at approximately 6 pm local time on Sunday, May 22nd.

According to Kittleman, the storm knocked out cell phone and landline communications across the area. Radio operators from ARES started relaying medical information between the Freeman Hospital and the St John's and Cox Health medical facilities in Springfield shortly after the storm hit.

Another report says that a Kansas and Western Missouri SATERN Teams from the Salvation Army has been activated for the Joplin tornado response. As we go to air, SATERN team members are reportedly assisting with communications in the affected area. Also, a Salvation Army emergency disaster services team based out Pittsburg, Kansas has been deployed to Joplin. Its job is to help carry out mass feeding for residents and first responders through a mobile feeding kitchen capable of serving thousands of meals a day.

### **AO-51 Partial Operation Restored**

AMSAT-NA VP Operations, Drew Glasbrenner, KO4MA reports that partial operation has been restored to AO-51.

Because the Integrated Housekeeping (IHU) computer crashes during each eclipse turning AO-51 ON requires a manually sent series of commands from a control station to reload a small housekeeping program stored on the satellite from ROM, then turning the repeater on, setting the modulation level and turning the RF power down.

At present, this re-start sequence is being done on afternoon passes over North America when the satellite's solar panels are being illuminated by sunlight and it is in range of an available control station. AO-51 is being left enabled after the North American afternoon passes so stations in Asia may hear it active still on the descending morning passes there.

The crashes prevent Whole Orbit Data from being collected for analysis on the ground. Analysis of live telemetry indicates that one of the Ni-Cd battery cells has failed. Further study is still in progress.

Drew concluded, "Thanks for all the donations for Fox and ARISSat-1 over the last week! If you haven't yet donated, drop by <http://www.amsat.org>, or call Martha at 1-888-322-6728 today and help us get Fox in space."

Keep up with the latest AO-51 Control Team News on-line at:  
<http://www.amsat.org/amsat-new/echo/CTNews.php>

[ANS thanks AMSAT-NA VP Operations Drew Glasbrenner, KO4MA for the above information]

### **The Sun Is becoming Active Once Again**

After an approximate two week slumber the sun is becoming active once again. The daily solar flux index rose to 91.0 on Friday May 27, 2011 after a minimum of 79.7 on Wednesday May 25, 2011. The daily sunspot number rose to 65 on Friday May 27, 2011 after a minimum of 23 on Tuesday May 24, 2011.

The number of sunspot groups is rising again with five visible numbered groups and one visible but as of yet un-numbered on Friday May 27, 2011.

New sunspot group #11226 located at S18E74 is growing rapidly in size and magnetic complexity and contains a twisted

gamma magnetic signature capable of producing M class solar flare and isolated X class solar flares. In the past 24 hour period the sunspot group has released five C class solar flares.

Recurrent transequatorial coronal hole #450 was in geo-effective (earth facing) position on May 24-25, 2011 and has impacted Earth's magnetic field in a negative manner with a maximum Kp of 6 (moderate geomagnetic storming conditions) and a maximum solar wind of ~550 (km/s).

### **HAM RADIO NEAR SPACE: EOSS TO FLY BALLOON NUMBER 164**

Edge of Space Sciences will be flying its 164th stratospheric balloon flight on Saturday May 28th at 7:10 Mountain Standard Time out of Windsor, Colorado. This flight will be in support of Colorado University Boulder's Space Grant Consortium. The tentative payload frequencies are 147.555 MHz with a CW I-D of AE0SS for the beacon and 144.340 MHz for APRS tracking using the call AE0SS-11. For the latest information please check the Edge of Space Sciences website at [www.eoss.org](http://www.eoss.org). (KC0UUO)

### **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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