



HQ Infoline
A Service From
New Zealand Association of
Radio Transmitters



NZART Headquarters Infoline Issue 214
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NZART Website: <http://www.nzart.org.nz/>

AREC at The Ready Following Big Earthquake

Date : 04 / 09 / 2010

Author : Jim Linton - VK3PC

So far AREC (Amateur Radio Emergency Communications) volunteers have not been required in any major way to assist, following the earthquake that hit Christchurch in New Zealand. The magnitude 7.1 earthquake occurred at 4.36am local time Saturday 4 September, while most people were asleep in their homes. The result was extensive building damage in New Zealand's second largest city, Christchurch, with only two people seriously hurt and no one reported trapped or missing.

AREC Deputy Director, Geoff Chapman ZL3PX who lives in Christchurch, said that while AREC was at the Civil Defence Headquarters, there has been no requirement for it to pass any emergency traffic. That is due to restoration of telephone and power to the majority of the affected areas. While water and sewerage systems have been affected there has been no reported major loss of roads or bridges. However AREC is ready, as the situation could worsen with the weather bureau issuing a warning of very strong winds with gusts up to 130km/h and heavy rain posing new threats to already damaged buildings. Adding to the danger are numerous after shocks with authorities advising that these will continue for many days or weeks.

The quake is New Zealand's most damaging since the one which hit Napier (Hawke's Bay) in February 1931, that saw radio amateurs extensively provide emergency communications. That led to the formation of the Amateur Radio Emergency Communications, of what is today known as AREC.

Jim Linton VK3PC, Chairman, IARU Region 3, Disaster Communications Committee.

Used with thanks and permission of Jim Linton VK3PC

Jamie Pye ZL2NN

The Start of The Christchurch Earthquake

PRELIMINARY EARTHQUAKE REPORT

GNS SCIENCE
GeoNet Data Centre
Lower Hutt, New Zealand
<http://www.geonet.org.nz>

The following earthquake has been recorded by GNS Science:

Reference number: 3366146/G
Universal Time: 3 September 2010 at 16:35
NZ Standard Time: Saturday, 4 September 2010 at 4:35 am
Latitude, Longitude: 43.54°S, 172.23°E
Location: 30 km west of Christchurch
Focal depth: 33 km
Richter magnitude: 7.4

Web page: <http://www.geonet.org.nz/earthquake/quakes/3366146g.html>

Widely felt throughout New Zealand.

The GeoNet project is core funded by the Earthquake Commission (EQC) and is being designed, installed and operated by GNS Science on behalf of EQC and all New Zealanders.

Greetings

Welcome to Headquarters-Infoline a twice-monthly bulletin of news from NZART Headquarters e-mailed directly to Branches, the amateur radio packet Bulletin Board Service and to others that subscribe through the [LINK BELOW](#) or the NZART Website at: <http://www.nzart.org.nz/lists/infolinelist.html>

Past and present Infolines can be found at:

<http://www.nzart.org.nz/infoline/index.html>

Where HTML, PDF and DOC formats can be found for the 2010 e-mailed Issues of Infoline.

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From The Business Manager ZL2TDM

Debby Says...

SUBSCRIPTION PAYMENTS by direct credit

If paying your membership subscription for 2011 by direct credit to our bank account, please remember to include either your call sign or membership number, so I know who the payment is from.

To pay direct to our bank account, the details are as follows:

BNZ 02 0772 0209760 00. New Zealand Association of Radio Transmitters Inc.

HAMADS

If you are wanting to place an advertisement in the HAMADS, you need to forward this directly to the Break In Editor, John Walker ZL3IB. The address details can be found inside the front cover of your magazine.

EXAMINATION SUPERVISOR APPLICATIONS

There is now a new policy under which Examination Supervisor applications are to be received. If your branch is nominating a member, please include the branch minutes where this nomination has been made and entered, plus a covering letter from the Branch President/Secretary, together with the new application form. If you need a copy of this, I can forward one to you.

Remember the person you are nominating does need to be a financial member of NZART.

Talk soon...Debby ZL2TDM

New Zealand Amateur Radio Day

Purpose

The purpose of the New Zealand Amateur Radio Day is to promote our hobby to the public so that some may be encouraged to join the local club, take on classes and become amateur radio operators.

Time

From 1000-1200 hours local time annually on the 3rd Saturday of January

Location

Any prominent and public location where there is plenty of public foot traffic. The location will most likely require council (or other landowner) approval. Make sure this is sought and obtained in plenty of time as councils often have minimum notification times.

Logs

You are required to keep a log of all stations worked during the 2 hours. Logs must include the callsign of the station worked, time, frequency, and any other information you may like to include.

Callsign

Use of club callsigns is encouraged, however individuals may also set up a station using his or her own callsign.

Prior Publicity

For this exercise to be a success prior publicity is essential. Make every effort to publicise the event through local club magazines, local newspapers and other media outlets as much as possible.

Publicity on the day

As the aim of this exercise is to promote our hobby to the public, have material to hand out on the day. A liaison person or persons should be nominated for this task. People with good communication skills are recommended to take on this role. This person should have a thorough understanding of the systems and modes being used on the day as they will be inundated with questions. Cards, pamphlets and other such giveaways, with club representative contact details are a must. Get copies of the latest amateur radio promotional brochure from Debby at NZART HQ. If you have a class coming up make sure the details are included on any handout material. Take down details of people who express an interest in the hobby and follow them up.

Contacts

Contacts are to be made with other NZARD stations, or home stations willing to work NZARD stations. Interested public should be encouraged to have a go on the air under direct supervision.

Bands and Modes

Operation on the day can be on any band and any mode. The national system, IRLP nodes, 80 and 40m would be recommended as a starting point for New Zealand based contacts. Digital modes and CW may also be used to attract interest.

Other Rules

While this is a field type operation, mains may be used if available.

Make sure your equipment is working and presentable to the public before the event.

Afterwards

Please write an activity report and submit it with your log to warren@zl2aj.com. There is no scoring of contacts made during the day. Activity reports will be submitted to Break In. It is imperative to follow up any names collected on the day. Invite them to a club night, or get them involved in activities. Encourage them to study and get a callsign. All this will help boost club membership.

Doug Gorman Frequency Measuring Contest

Doug Gorman Frequency Measuring Contest

This contests runs again on Monday 6th September 2010 at 2100 NZST (0900 UTC).

The revised rules brings the contest up to the modern standard that amateurs can now reach with home brew equipment.

Gone is the measuring of three frequencies spread across the 80 m amateur band. For maximum points a total of five frequencies must be measured within +/-5 kHz of 3895 kHz. There are now three grades of measuring, John McKim Cup (Simple equipment to 100 Hz readout resolution), Norm Edwards Shield (equipment better than 10 Hz readout resolution), or Ultra Category (equipment directly referenced to an atomic standard during the contest)

The Branch award is still available and certificates will be provided to all entries with an average deviation of 100 Hz or better.

The contest takes care of all measuring methods now available to the amateur.

How about giving it a go again this year, to celebrate the 58th year of running this contest!

Jamie Pye ZL2NN

For full details please see:

<http://www.nzart.org.nz/contests/rules.html#dgfmc>

NZART Council Working Action Points

Updated August-2010

- *Repeater and beacon financial processes,*
- *Constitutions: Branch and NZART,*
- *Review of submissions to NZART future,*
- *Amateur Radio and the Rugby World Cup,*
- *Preparation of a national examination-training program,*
- *Expenditure revision,*
- *Updating the NZART examination database,*
- *Preparation of a council policy document on digipeaters,*
- *Training Officer position,*
- *Procedure/Policy for appointment of new officers, and*
- *Members/Branch correspondence.*

Did You Know That Exam Candidates Can Join NZART and Get One Year Free?

For details see the last section of the Radio 4A Form at:

<http://www.nzart.org.nz/exam/examprocedures.html#examproc>

Upcoming Events

WESTERN SUBURBS RADIO CLUB INC, BRANCH 03, NZART

PO BOX 15-122 NEW LYNN 0640 WAITAKERE CITY

ANNUAL NEW and USED EQUIPMENT SALE

SATURDAY 9th October 2010

ROSEBANK ROAD PRIMARY SCHOOL HALL

217 ROSEBANK ROAD, AVONDALE

IT IS A LOVELY BIG HALL AND HAS PLENTY OF PARKING

\$2-00 entry for buyers

TO PRE-BOOK A TABLE

Please call one of the following.

IAN (ZL1RCA) 09 814 9597

ROY (ZL1WI) 09 814 9550

ROSS (ZL1VRR) 09 629 0504

Email sangsfam@clear.co.nz

FLOOR spaces are \$10.00 PRE-PAID or \$15.00 on the day.

Make out cheque to WSRC (Inc) send to P.O. Box 15-122 New Lynn 0640 Waitakere

(Some space may be available at 0800hrs on the day.)

SELLERS please arrive by 0800hrs BUYERS 0900hrs \$2 entry)

The sale closes at Midday.

There are some Commercial Dealers coming,

CAFETERIA will have, hot sausages,

Tea, Coffee & biscuits to buy from \$2-50.

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 AND PRIVATE VENDORS ARE MORE THAN

WELCOME TO BRING AS MUCH EQUIPMENT FOR SALE AS THEY WISH

ALLTHINGS ELECTRICAL, ELECTRONIC, ANTENNA, COMPUTER, TOOL,

RADIO AND TV RELATEDPRODUCEIS THE BASIC IDEA FOR SALE

ITEMS. Note to Sellers: As there are limited power outlets

available, please bring own power board and leads if

required. All un-sold equipment must be removed, at close of

sale. The Western Suburbs Radio Club Inc, is a non-profit

Amateur Radio club, this sale is way we raise some funds for

our technology projects and upkeep of our facilities.

Donations gratefully accepted, receipts available

John ZL1JT

2010 Silverfern Rally 14-20 Nov 2010

<http://www.nzart.org.nz/html/2010/02.html#feb03>

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Full information can be found at:

<http://www.nzart.org.nz/html/2010/05-news.html#aug06>

UPPER HUTT NZART Conference 2011 - Pre-registration

Details can be found at:

[Conference-2011-pre-registration-form.pdf](#)

Contest News

VHF/UHF/SHF Contest Notes

The next contest is the MICROWAVE CONTEST, all bands 614 MHz and up, on Saturday the 2 and Sunday the 3 of OCTOBER 2010. The operating times are: Saturday 1700 to 2300 NZT and Sunday 0700 to 1300 NZT.

The rules are available at: <http://www.vhf.org.nz/VHF-UHF-SHF-ContestRules>

Logs should be sent within two weeks, to:

zl2wa@clear.net.nz with Contest Log in the subject line,

or by post to:

Contest Manager, Wellington VHF Group, P.O. Box 12-259, Thorndon, Wellington

Wellington VHF Group Website <http://www.vhf.org.nz>

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HF Contests

Doug Gorman FREQ MEAS 06-SEP [Rules »](#)

Nostalgia Night 11-SEP [Rules »](#)

VHF/UHF/SHF Contest Microwave Contest 2/3-Oct [To Rules »](#)

For contests not mentioned here and for a list of contests that have ZL participation in, please see the NZART Web Contest page at:

<http://www.nzart.org.nz/contests/index.html>

General Information For Break-In and HQ Infoline

Break-In - From the Break-In Editor John ZL3IB

- Closing Date Reminder: Copy for the SEPTEMBER/OCTOBER issue of Break-In closes on 10-SEPTEMBER-2010.
- Document File Format: Please do not send copy for publication as Word 2007.docx files; they cannot be processed. Please send in Word 2003 (or earlier).doc or *.rtf file format.
- Early receipt of copy is much appreciated.
- Break-In Contents Index from 1947 can be found at:
<http://www.nzart.org.nz/breakin/index/index.html>
- To search the COMPLETE CONTENTS from 1947, use the page menu entry of: "Search all index pages up to Jan 2010 HTML 435 kB" Found on the "Index for Break-In Volumes 20 to 82" page. All the yearly pages have been combined into one page for your convenience.
<http://www.nzart.org.nz/breakin/index/all-bi-index.html> 433 kB
Contact Infoline Editor, if copy of articles are wanted, at:
ZL2NN@nzart.org.nz
- Copy for the AREC Break-In Column - From Geoff ZL3QR: The close-of-copy date is the 03-SEPTEMBER-2010 for articles for publication in the AREC COLUMN OF BREAK-IN. Photos, if available, to be on a separate floppy or CD (with captions), posted DIRECTLY TO US Call Book address. All other material can go to e-mail:
zl3qr@nzart.org.nz or zl3ov@nzart.org.nz.

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The WIA Weekly News Bulletin and The ARRL Letter can be found at:

WIA Weekly News Bulletin:

<http://www.nzart.org.nz/html/2010/wia-weekly-news.html>

ARRL Letter:

<http://www.nzart.org.nz/html/2010/arrl-weekly-news.html>

These are updated weekly, normally p.m. Friday.

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2. [Subject:SUBSCRIBE TO HQ INFOLINE ATTACHED PDF-infoline](#)

To Unsubscribe from HQ Infoline please use the e-mail below:

[Subject:UNSUBSCRIBE FROM HQ INFOLINE-infoline](#)

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Dates for Official Broadcast (OB) and Head Quarter's Infoline

OBs FOR 2010

28-FEB 28-MAR 25-APR 30-MAY 06-JUN 27-JUN

25-JUL 29-AUG 26-SEP 31-OCT 28-NOV 19-DEC

Next NZART Official Broadcast is on 26-SEPTEMBER-2010

Next HQ-Infoline e-mailed on SUNDAY 19-SEPTEMBER-2010

INFOLINE 2010 SUNDAY

17-JAN 07-FEB 21-FEB 07-MAR 21-MAR 04-APR 18-APR 09-MAY 23-MAY

13-JUN 27-JUN 04-JUL 18-JUL 08-AUG 22-AUG 05-SEP 19-SEP

03-OCT 17-OCT 07-NOV 21-NOV 05-DEC 19-DEC

[Infoline on the web http://www.nzart.org.nz/infoline/](http://www.nzart.org.nz/infoline/)

Regards, Jamie Pye ZL2NN, Editor zl2nn@nzart.org.nz