



**NZART Headquarters Infoline**  
*a service from*  
The New Zealand Association of Radio Transmitters



NZART Headquarters Infoline Issue 203  
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NZART Website: <http://www.nzart.org.nz/>

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 NZART Website at:

<http://www.nzart.org.nz/lists/infolinelist.html>

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**From The Business Manager ZL2TDM**

Debby says...

**MEMBERSHIP**

After last months broadcast, I feel it's fair to say there was an enormous amount of discussion that transpired after hearing the President and myself advising the sorry state of our membership.

I am very pleased to say that we have had just under 200 members either renew or join since then. It heartens me to see amateurs getting behind their hobby with such passion.

**Advertising**

Recently Nelson Branch produced a wonderful advertisement to be played in conjunction with their open day on the 17th March. Gary ZL3SV has written a generic advertisement that can be used by all branches, he has submitted the following web address for you to take a look and see if it's what you need to raise the profile of your branch.

A broadcast quality copy of the recently produced TV ad to promote Amateur radio is at:

[Download Ad From Here](#) WMV 15 MB

NZART, your branches or anyone else that wants to promote the hobby can use it unedited and at no fee.

**Cell Phones and Ham Radio Usage in Vehicles**

George Harding ZL3KD has passed this information on, that you may find interesting. Thank you

George for looking into this.

HAMS using their HT while driving, could be pulled over by an over zealous cop as they thought the Ham was using a cell phone.

The Boss of Police Operations received George's message and he advised that the use of a Ham radio HT while driving, is OK. Michele de la Cour gave a quasi legal explanation which says that when using a cellphone both parties can be speaking at once but Hams are using what she termed a "binary" exchange, that is, only one party is speaking at the time. The Operations boss noted this also as it is considered less distracting than the simultaneous communications with a cell phone.

### **Land Transport (Road User) Rule 2004**

#### **7.3A Ban on use of mobile phones while driving**

[(1)A driver must not, while driving a vehicle,-

- (a) use a mobile phone to make, receive, or terminate a telephone call; or
- (b) use a mobile phone to create, send, or read a text message; or
- (c) use a mobile phone to create, send, or read an email; or
- (d) use a mobile phone to create, send, or view a video message; or
- (e) use a mobile phone to communicate in a way similar to a way described in any of paragraphs (b) to (d); or
- (f) use a mobile phone in a way other than a way described in any of paragraphs (a) to (e).]]

[[ (1A) Subclause (1) is overridden by subclauses (2) to (7).]]

(2) An enforcement officer may, while driving a vehicle, use a mobile phone to make, receive, or terminate a telephone call if the officer is making, receiving, or terminating the call in the execution of the officer's duty.

(3) A driver may, while driving a vehicle, use a mobile phone if-

- (a) the driver is using the phone to make a 111 or \*555 call; and
- (b) it is unsafe or impracticable for the driver to stop and park the vehicle to make the call.

(4) A driver may, while driving a vehicle, use a mobile phone to make, receive, or terminate a telephone call if the phone does not require the driver to hold or manipulate it to make, receive, or terminate the call.

(5) Revoked.

(6) A driver may, while driving a vehicle, use a mobile phone to make, receive, or terminate a telephone call if the vehicle has stopped for a reason other than the normal starting and stopping of vehicles in a flow of traffic.

[[ (7) A driver may, while driving a vehicle, use a mobile phone in a way described in subclause (1)

(a) or (f), if both the following apply:

- (a) the phone is secured in a mounting fixed to the vehicle; and
- (b) if the driver manipulates or looks at the phone, he or she does so infrequently and briefly.]]

Constable Michèle de la Cour

Laboratory Standards Officer

### **Definition of Mobile phone...**

- (a) includes a portable electronic device whose functions include being a telephone:
- (b) does not include a CB radio:

(c) does not include any other kind of two-way radio:

(d) does not include an earpiece or mouthpiece that is connected, physically or otherwise, to a mobile phone to allow a driver to use the phone without holding or manipulating it]

You can access the whole Land Transport (Road User) Rule 2004 through Google. Just type in 'Legislation', then 'New Zealand Legislation', then search for 'Land Transport (Road User) Rule 2004'. You will find the information you require in clauses 1.6 (interpretation) and 7.3A.

Talk soon...Debby ZL2TDM

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## **Tauranga City Council Draft City Plan/District Plan**

Tauranga City Council prepared a draft City Plan (previously known, and in District Council areas still is known, as a District Plan).

In December 2009 it called for submissions. When writing the draft the staff stated that the Network Utilities Section Chapter 10 would not cover Amateur Radio Aerials and that they should be covered by the relevant residential Zones. Unfortunately aerials were omitted in the Zone rules; so aerials would be restricted to the standard zone rules and limited to 9m, if the rules were not amended. Tauranga Emergency Communication Group (Inc) Branch 88 wrote a 53 page submission justifying a proposed set of rules to be included in the rewrite.

Tauranga CC is now calling for further submissions on the initial 1024 submissions. Closing date is 4pm 1st April 2010. TEGC (Inc) has prepared a proforma submission on its and NZART's submission. It is a Word doc, so that you can add your details, and amend the submission. You can gain copy of the proforma submission by request from [brian@nzart.org.nz](mailto:brian@nzart.org.nz).

TEGC submission can be downloaded from:

<http://www.nzart.org.nz/anten-plan/2009/nzart-submission-to-tcc.pdf>-3.2 MB PDF

TEGC further-submission-form.doc and proposed-rules.pdf can be downloaded from:

<http://www.nzart.org.nz/anten-plan/2010/further-submission-form.doc>

<http://www.nzart.org.nz/anten-plan/2010/proposed-rules.pdf>

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## **Web and E-mail Notes**

On Sunday-14-March-2010 the NZART Web and E-mail services were changed from the USA Internet Service Provider (ISP) to a NZ ISP IServe. The following message was send to all e-mail list users:

Greetings <name of list> Mailing List Subscribers. Apologies to those who are going to see this notice multiple times - it will be sent out at least once-per-mailing-list that NZART hosts...

A team consisting of Jim Tittsler ZL2IA, Mark Foster ZL1VMF and Jamie Pye ZL2NN has been working for several months on a project to migrate NZART Web and Mail services to a new hosting provider.

We're pleased to announce this is nearing completion, however, please note the following as important advice regarding NZART Mailing Lists.

- All Mailing Lists (That is, 'Reflectors') have been moved to the subdomain 'lists.nzart.org.nz'. As of this point forward, please direct any email for your mailing list to <listname>@lists.nzart.org.nz.<listname>@nzart.org.nz will cease to function in the very near future.

- The Mailing lists are now driven with the 'Mailman' mailing list software (one of the worlds best listserv administration tools at the present moment). Many of you will have experience with Mailman-based mailing lists already, so this will be a familiar system. Mailman provides the means for individuals to administer their own mailing list subscriptions by visiting a special website for each mailing list.

For the AREC-NZ Mailing List the main URL you need is:

<http://lists.nzart.org.nz/mailman/listinfo/<name of list>>

From here you can request - or reset - your mailing list password, configure your subscription details (daily digest mode, plain-text preference, temporarily (or permanently) disabling delivery, etc) or remove yourself from a list.

If there are any questions about the reflectors please direct them to 'listadmins@lists.nzart.org.nz' and one of the team will get back to you as soon as possible.

A brief note about the NZART Website and NZART email alias service - these have also been migrated and should remain fully functional throughout the changes currently being made; please notify the listadmins if you experience any issues with either service.

Regards

Mark Foster ZL1VMF

Jim Tittsler ZL2IA

Jamie Pye ZL2NN - NZART Webmaster

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## **Did the Chilean Quake Shift Earth's Axis?**

March 11, 2010: Pictures of widespread devastation leave no doubt. Last month's 8.8 magnitude earthquake in coastal Chile was strong.

NASA scientists say it might have shifted the axis of Earth itself.

"If our calculations are correct, the quake moved Earth's figure axis by about 3 inches (8 cm)," says geophysicist Richard Gross of the JetPropulsion Laboratory in Pasadena, California.

You might think you would have noticed the Earth suddenly tilting 3inches. But that's not how the "figure axis" works. "The figure axis defines not how Earth is tilted, but rather how it is balanced," says Gross.

Consider the following: Earth is not a perfect sphere. Continents and oceans are distributed unevenly around the planet. There's more land in the north, more water in the south, a great ocean in the west, and so on. As a result of these asymmetries, Earth slowly wobbles as it spins. The figure axis is Earth's axis of mass balance, and the spin axis wobbles around it.

"The Chilean quake shifted enough material to change the mass balance of our entire planet," Gross says.

[MORE](#)

[http://science.nasa.gov/headlines/y2010/11mar\\_figureaxis.htm/](http://science.nasa.gov/headlines/y2010/11mar_figureaxis.htm/)

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## **Hawkes Bay Amateur Radio Training Weekend**

Hi all. Another amateur radio training weekend is to take place soon

17th and 18th of April (last weekend of the school holidays).

Weekend will take both Saturday and Sunday, and will require some study on the preceding week.

Cost is \$160, includes training manual, lunch on sat and sun, membership to HBARC and NZART, and callsign application fees. Basically you can walk out Sunday ready for a callsign to be granted Monday (sorry the callsign cant be activated until a week day).

Please forward this email around any interested parties.

Please email me to register your place on the course.

Regards,

Warren Harris

ZL2AJ

Technaserve Ltd

Contact

cell 0275649284

email warren@technaserve.com

web www.technaserve.com

web www.zl2aj.com

call free 0800-219284

car cell021-649284

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## **Report on The Transfer of NZART Web and E-mail Services**

In April 2009 readers may recall the NZART experienced a loss of web and mail services, due to a problem with our webhosting provider. The previous host had been serving NZART for some time, but have in recent times been less than satisfactory in terms of support provided to NZART, and service outages were experienced that seriously impacted our confidence in the service, with the April 2009 episode being the proverbial 'straw'.

NZART's webmaster, Jamie Pye ZL2NN, had already been looking at alternatives which would provide more flexibility for website development going forward; this service interruption along with offers of assistance from several Amateurs provided a catalyst to put some serious work into a replacement offering.

A working group was established with the blessing of NZART Council; participants included Alan Wallace ZL1AMW, Mark Foster ZL1VMF, Jim Tittler ZL2IA, Jim Pye ZL2PU and of course Jamie Pye ZL2NN.

A local provider, iSERVE, were negotiated with and their rates compared with other offerings. iSERVE offered an excellent deal on a Virtual Machine, complete with their Hosting Management Console package that provides a straight-forward user interface for the majority of the webmasters administrative tasks. Combined with full command-line level access to the server, this VM provides NZART with unprecedented flexibility.

ZL2IA, ZL1VMF and ZL2NN began to work up a transition plan and began engineering a replacement. The process had to be approached slowly and with care, with various complications creeping in throughout the process and a strong desire to minimise any impact to NZART services. What has resulted however allows us to continue to offer the @nzart.org.nz email alias scheme used by many NZART members, implement a brand-new listserv for NZART reflectors, and allows development of a new NZART website to move forward. The new system provides for fully customisable backend, and has the added bonus of being located in New Zealand - not overseas.

On Sunday March 14, 2010 the new system was fully commissioned.

Subscribers to NZART reflectors will have received notification via email of the changes. The NZART Website and the @nzart.org.nz alias service were transitioned without any loss of service.

Anyone noticing any problems with any of the NZART electronic services, should email listadmins@lists.nzart.org.nz where one of the commissioning team (ZL1VMF, ZL2IA, ZL2NN) can assist.

A big thanks to ZL2IA, ZL2NN, ZL1AMW and ZL2PU for their input and assistance, and to iSERVE for their support.

Regards

Mark Foster ZL1VMF

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## **NASA Science News for March 18, 2010**

Researchers who once confidently stated that the Moon was bone-dry are now thinking the unthinkable: The Moon has so much water, there's actually a "lunar hydrosphere." International spacecraft have recently discovered no fewer than three "flavors" of moonwater and no one knows when the discoveries will end.

FULL STORY at

[http://science.nasa.gov/headlines/y2010/18mar\\_moonwater.htm?list1384818](http://science.nasa.gov/headlines/y2010/18mar_moonwater.htm?list1384818)

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## **John Powell ZL1BHQ, Retiring as Contest Manager**

This is my last issue of the weekly Contest This Weekend bulletin as Frank Hunt, ZL2BR, has assumed the role of NZART Contest Manager and will continue with these weekly information spots.

Thanks to all who have assisted with information for inclusion in this bulletin, in addition the bi-monthly Break In Contests column. The term of my role as Contest Manager has been a most interesting and enjoyable one and again my appreciation and gratitude for all help provided.

We are off on Monday for a trip around the South Island by car and I am taking the K3 with me, plus a 40m dipole with tuned feeders so may (and I hope) catch up with some of the contesting fraternity, either on the air, or an eyeball. Also taking a VHF and UHF handhelds for a bit of pedestrian mobile operation.

Thanks again for the most enjoyable term as Contest Manager.

73

John Powell. ZL1BHQ

Thanks you John

Jamie Pye ZL2NN

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## **Upcoming Events**

### **Wellington Radio EXPO-10**

27 March 2010, Knox Church Hall, Lower Hutt

Registration form and details available at:

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

### **NZART Annual Conference Auckland 5th - 7th June 2010**

<http://nzartconference.cjb.net/>

### **2010 Silver Rally 14-20 Nov 2010**

<http://www.silverfernally.co.nz/>, or

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

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## **Contest News**

### **VHF/UHF/SHF Contest Notes**

The next contest is the LOW BAND CONTEST, 50 MHz to 440 MHz, on Saturday the 10th and Sunday the 11th of April 2010. This is the weekend after Easter. 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](mailto: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**

### **Results For The 2009 ZL/VK Twin Sprints**

Hi All, just a wee note to let you know that the results for the 2009 ZL/VK Twin Sprints are now published at the following URL:[http://qsl.net/zl2sky/new\\_page\\_1.htm](http://qsl.net/zl2sky/new_page_1.htm) Click on the Contests Tab for the results and other digital contest news.

Many thanks to all those who took part in the contest. Certificates will be in the mail this week.

73 de Allan Chandler ZL2SKY Contest Organizer

### **NZART WARO THELMA SOUPER MEMORIAL CONTEST**

When: - 10 and 11 April 2010

Times:- 0800Z until 1000Z both evenings

Modes :- CW and SSB

The Annual memorial contest activity to commemorate the memory of the Late Thelma Souper a former stalwart of the NZ Women Amateur Radio Operators and considered to be "The Grand Old Dame" of WARO.

Contest Rules and Other Operating information are now available from the WARO Website :-

<http://www.qsl.net/zl6yl/awards.html>.

## **KIWI DX GROUP DIGITAL MODES CONTESTS**

80M - 17 April 2010

40M - 24 April 2010

Times - 1000 UTC until 1100 UTC both evenings

Contest Rules and Other Operating Information available from the Group's Website  
[http://www.qsl.net/zl2sky/new\\_page\\_1.htm](http://www.qsl.net/zl2sky/new_page_1.htm)

## **2010 NZART SANGSTER SHIELD QRP CW CONTEST**

When :- Saturday, 15 May 2010 and Sunday, 16 May 2010

Times :- 2000 NZST until 2300 NZST each evening

Band :- 80m

Mode :- CW only.

The contest was established in 1927 at the time the late Mr. Ralph Sangster presented to the radio Amateurs of NZ the trophy, known as the Sangster Shield, for annual competition to be won by the most efficient station. It is pertinent to note not only did the efficiency of the station be taken into account, but also the efficiency of the operator concerned. The terms of the gift of the trophy were that the competition was to be conducted on the 80 metre band using input power of not more than 5 watts and to be solely restricted to Morse operation.

## **2010 NZART MEMORIAL CONTEST**

When :- 3 & 4 July 2010

Times :- 2000 NZST until 2300 NZST both evenings

Band :- 80m

Modes :- CW and Phone

The Memorial Contest was established soon after the end of World War 2 to commemorate those who lost their lives in the service of their country. It is a fitting way to honour those Hams and others who selflessly served their country so that we, today, may enjoy the freedoms that we do.

The Contest is split into a number of categories catering for all HF interests so please spare an hour, or two to honour those who paid the ultimate price that we now enjoy in our present lifestyles.

Contest Rules and Other Operating Information is available from the NZART

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

Contest Rules and other Operating Information is available from the NZART website -  
<http://www.nzart.org.nz/contests/index.htmlindex.html>

**For the contests below please see the NZART Web at:**

<http://www.nzart.org.nz/contests/index.html> Click on "Contest Manager's Reports" for the latest contest report.

## **2010 CQ WPX CW CONTEST**

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## **General Information For Break-In and HQ Infoline**

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

1. **Closing Date Reminder:** Copy for the MAY/JUNE issue of Break-In closes on 10-MAY-2010.
2. **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.

3. Early receipt of copy is much appreciated.

4. **Break-In Contents Index** from 1947 can be found at:

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

5. **To search for an item use** the page menu entry of: "Search all index pages up to Jan 2010 HTML 435 kB" Found on "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

6. **Copy for the AREC Break-In Column - From Geoff ZL3QR:** The close-of-copy date is the 03-MAY-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](mailto:zl3qr@nzart.org.nz) or [zl3ov@nzart.org.nz](mailto: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.txt>

ARRL Letter

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

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Please send an e-mail to the address at the end of this bulletin or see instructions on the NZART web page at:

<http://www.nzart.org.nz/lists/infolinelist.html>

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

OBs FOR 2010

FEB-28 MAR-28 APR-25 MAY-30 JUN-08-27

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

**\* Next NZART Official Broadcast is on 28-MARCH-2010 \* and**

**\* Next HQ-Infoline e-mailed on SUNDAY 04-APRIL-2010 \***

INFOLINE 2010 SUNDAY

JAN-17 FEB-07-21 MAR-07-21 APR-04-18 MAY-09-23 JUN-13-27

JUL-04-18 AUG-08-22 SEP-05-19 OCT-03-17 NOV-07-21 DEC-05-19

[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](mailto:zl2nn@nzart.org.nz)