



**HQ Infoline**  
A Service From  
New Zealand Association of  
Radio Transmitters



## A Message

There is only one NEW ZEALAND ASSOCIATION of RADIO TRANSMITTERS. It serves you at local, national and international levels. It deserves our full support if we are to continue to have the frequencies and operating privileges we currently enjoy. The Association is what you and I make it.

NZART Headquarters Infoline Issue 224  
20-FEBRUARY-2011  
NZART Website: <http://www.nzart.org.nz/home/>

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Please think of the environment before printing this e-mail

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From The Business Manager ZL2DL

Debby says...

Last weekend a special edition of HQ Info Line was sent out as I appeared to be receiving a considerable number of e-mails and phone calls regarding envelopes for voting.

If you have been unable to find yours included in the last issue of Break In, please send your

vote in an envelope marked "Returning Officer", then INTO another envelope, to the address of HQ, but include your name and address details on the reverse of the outer envelope so I can confirm your membership status before it is opened.

Only envelopes were missing - all voting papers were issued.

For those of you who have included your Break In Readers Survey form in the election envelope, I have forwarded them to John Walker, however cannot guarantee they will be placed into the lucky prize draw.

The address to send these surveys to is on the survey form in bold lettering at the bottom.

Finally, Datamail did not include Branch details and Membership Expiration dates on the front wrapper. You will ONLY have received Break In if your membership is current to the end of 2011. Therefore you don't need to confirm if you are financial.

Talk soon...Debby ZL2DL

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## FMTAG Notes For February 20 HQ Infoline

Please click [HERE](#) to go to the FMTAG Applications Being Processed

### Proposals

Published in HQ Infoline and on the NZART website, inviting comments from members.

1. Branch 83 Raglan has applied for a 2 metre Voice and Data repeater at Ward Street, Topo50 map reference BD33 007.88 154.66. The transmit frequency will be 145.350 MHz and the receive frequency will be 144.750 MHz. An Engineering Evaluation, in accordance with the MED's Radio Licence Certification Rules (PIB38), shows that there will be no interference to other stations.
2. Branch 83 Raglan has applied for a 70 centimetre Voice and Data repeater at Ward Street, Topo50 map reference BD33 007.88 154.66. The transmit frequency will be 439.425 MHz and the receive frequency will be 434.425 MHz. An Engineering Evaluation, in accordance with the MED's Radio Licence Certification Rules (PIB38), shows that there will be no interference to other stations.

### Comments and Applications

Please send your comments and suggestions on the above matters and recommendations, and on any other FMTAG matters, by e-mail to: [fmtag@nzart.org.nz](mailto:fmtag@nzart.org.nz)

Applications for repeaters, beacons, digipeaters, point-to-point links, and so on, should be made on the latest version of FMTAG Form 10. The latest versions of FMTAG Form 10, and the explanatory Form 10A, are available on the NZART web site:

<http://www.nzart.org.nz/nzart/fmtag/>

Completed forms should be sent by e-mail to [fmtag@nzart.org.nz](mailto:fmtag@nzart.org.nz)

END

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## Report - Face to Face Meeting

From the NZART Council meeting held at Wellington Airport 19th February 2011

1. Council decided to seek legal opinion on the compliance of the Wellington VHF Group Constitution and the REG constitution with the NZART Constitution. These will be forwarded to Malcolm Webster, Solicitor, for his opinion.
2. The Draft Annual Accounts were approved and Evan was thanked for the work he had done. Evan suggested that the Constitution requires an update in order for NZART to gain charitable status and save paying considerable tax. There is a need to update the NZART Constitution and ways to do this are being considered.
3. An application for branch status was received from the Radio Electronics Group. It was decided that the following branches be contacted to seek their opinions on the formation of Radio Electronics Group Branch status and if this formation would adversely affect them (as per the NZART Constitution requirement). Responses to be received by Council by end of April: Cambridge, Te Awamutu, Huntly, Hamilton, Raglan, Waitomo, Waikato VHF Group.
4. 13 remits for the AGM in June were received. These were classified into their various categories: Constitutional, Transmitting, and Non-Transmitting. These remits, along with Annual Reports, will be published in the next issue of Break-In.
5. Jamie Pye ZL2NN and Jim Tittsler ZL2IA were appointed joint moderators of the NZART members' reflector.
6. Council was addressed by Dick Greenbank, ZL2TGQ, of ARTANZ who explained their aims and objects. A decision was made not to support ARTANZ at this stage because there were remits to be decided at the AGM which would make this decision.
7. Debby ZL2DL gave council a report on the arrangements for the 2011 Conference to be held in Silverstream. Everything looks good for this event.
8. Topsy ZL2LS gave a report on the progress being made for the 2012 Conference to be held in Nelson.
9. Rugby World Cup: NZART ALO, Don Wallace ZL2TTL, reported the following (approved by RSM): To promote the Rugby World Cup, New Zealand Amateur Radio operators are encouraged to use the ZM callsign prefix during September and October 2011. For more information, visit the RWC website at <http://www.rugbyworldcup.com/> and the NZART website at <http://www.nzart.org.nz/>

Roy Symon, ZL2KH  
President, NZART (Inc.)

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## Spectrum Management Bill Threatens - 70 cm - ARRL Report

02/17/2011 (mm/dd/yyyy)

.....The D-Block consists of two, 5-megahertz-wide segments of spectrum (758-763 and 788-793 MHz) that became available when the FCC ended analog television broadcasts in June 2009 and reallocated the 698-806 MHz band for Public Safety and commercial broadband. It was anticipated that the D-Block would be auctioned for commercial use. There are several bills in Congress providing for the allocation of the D-Block for Public Safety use, and HR 607 is one of those. But HR 607 uniquely provides for the reallocation of other spectrum for auction to commercial users, in order to offset the loss of revenue that would occur as the result of the allocation of the D-Block to Public Safety instead of commercial auction. **HR 607 lists the paired bands of 420-440 MHz and 450-470 MHz among the bands to be reallocated for**

## **commercial auction within 10 years of its passage.....**

For further information and to see the full text, please go to:

<http://bit.ly/hvgCWa>

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## **Proposed Changes to 27 MHz Amateur Band**

This topic has been a subject in a special Infoline but is repeated here for information EDITOR

It has just come to our notice that changes being proposed by the Radio Spectrum Policy and Planning group to the CB licence (see

<http://www.rsm.govt.nz/cms/pdf-library/policy-and-planning/current-projects/cb-discussion-paper-gul-2010.pdf>)

will, if approved, give CB radio users access to our 26.95 to 27.3 MHz Amateur Band. (There are also changes planned at UHF but these do not appear to affect Amateurs.)

NZART ALO, Don Wallace, ZL2TLL

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## **NZART Conference 2011**

Queen's Birthday Weekend June-3/6-2011

Upper Hutt Branch 63 NZART cordially invite NZART Members and their guests to join us at the - Upper Hutt NZART Conference 2011.

### **Venue**

This year's Conference is being held at the Silverstream Retreat which is located near the Upper Hutt suburb of Silverstream and just north of the entrance to Stokes Valley.

It is easily accessible from the nearby State Highway 2 and State Highway 58 (Hayward's Road).

Physical address is:

Silverstream Retreat, Corner Eastern Hutt Rd & Reynolds Bach Drive Lower Hutt 5019

### **Provisional Programme**

The program will include lectures and forums by several guest speakers, the NZART AGM plus the usual AREC, AMSAT-ZL, OTC, SPAM, WARO, and other section meetings, forums and AGMs. An exciting range of other talks and displays has been organised.

## Registration Costs and Accommodation

Final costs for both Conference Registration and Accommodation are almost complete, and will be available from 10 March 2011.

Pictures of Silverstream Retreat main reception (left) and the Boardwalk (right). The Boardwalk is directly opposite the main reception at the venue. The Boardwalk will be the Conferences' main hub of Registration, gathering point and entrance for the NZART AGM on the Saturday.



Main Reception

Boardwalk

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## Branch Data - The Information on NZART Branches and Affiliates

The format for advising the Call Book Editor about changes to Branch details has been changed to a more efficient CMS based system.

Please use the new form

<http://www.nzart.org.nz/branches/branch-data/branch-list-report-form/>

to advise changes to Branch details.

An update to the Branch list will be done early March and the old system of spreadsheet, Word document and pdf removed.

The new system has a menu 'BRANCH LIST MENU' and a simple database 'BRANCH LIST DATA'. The Branch List menu has a list of all NZART branches in alphabetical and branch number order. Branch List Data has 88 records with each record having 19 fields with the details of each branch.

For those that like their data in Excel format, instructions on how to convert the branch data is at:

<http://www.nzart.org.nz/branches/branch-data/#conversion>

Lorne ZL2AHB Call Book Editor E-mail: [callbook@nzart.org.nz](mailto:callbook@nzart.org.nz)

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

21-JAN-2011

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](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

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## NZART Aliases and Groups

LIST OF NZART ALIASES 2011-02-12 <NAME>@nzart.org.nz

<NAME> = 6M, ADVERTMANAGER, ALO, AREC, ARISS, ARPROMO, ARX1, ARX2, AWARDS, BRANCH.05, BRANCH.12, BRANCH.18, BRANCH.22, BRANCH.30, BRANCH.39, BRANCH.53, BRANCH.65, BRANCH.81, BREAK-IN, BREAKIN, CALLBOOK, CONTEST, DIGITAL, EDITOR, EMAIL, EMC, EXAM, EXAMS, FINANCIAL, FMTAG, FUNDING, HAMADS, HARCMDAY, HQ, IARU, INFOLINEEDITOR, LEGAL, LOCALGOVERNMENT, MILESTONES, MORSE, MORSEMAN, MS2, MS, NATIONALTRAINING, NZART.HQ, NZART, NZARTHQ, OFFICERLIAISON, POSTMASTER, PRESIDENT, PROMO, PUBLICITY, QANDA, QSL, RADIATION, RECIPROCAL, RECORDS, TRUST, WEB-DEVEL, WEBMASTER

To relate a name to an officer's position please see:

<http://www.nzart.org.nz/council/positions/officers/>

GROUP LISTS 2010-08-13 <GROUP NAME>@lists.nzart.org.nz

<GROUP NAME> = AREC-NZ, BOP-AREC-GROUP, COUNCIL, COUNCILPLUSHQ, OFFICERS, TECG-GROUP, NZART-MEMBERS

NOTE: The addition of LISTS after the @ symbol.

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## 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

From Shacknews JAN-2011:  
<http://www.nzart.org.nz/council/promotion/#shacknews>

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## Kiwi Digital Modes Group

### 2011 VK/ZL RTTY SPRINT CONTEST

The third running of the Kiwi Digital Modes Group RTTY contest will take place in April 2011.

**PLEASE NOTE:** These rules differ from previous years.

This year's contest format sees a change in the points system and operating periods. To make life that more interesting and to hopefully generate a bit more interest in the contest this year I have decided to break each night's operation into two half hour periods. I have also changed the points system with 2 points being awarded for each contact worked in the first half hour period, and five points being awarded if the same station is worked in the second half hour period.

This contest will take the format of two half hour period sprints run over two consecutive Saturdays. The first night will be on 80 metres and the second night will be on 40 metres.

The contest is open to all licensed amateur radio operators living in the VK & ZL callsign districts.

### DATES & TIMES

Saturday April 23rd 2011 - 1000 UTC - 1100 UTC, in two half hour periods (1000 - 1030 UTC) & (1031 - 1100UTC) - 80M only

Saturday April 30th 2011 - 1000 UTC - 1100 UTC, in two half hour periods (1000 - 1030 UTC) & (1031 - 1100 UTC) - 40M only

Operators can choose to enter one of the following three categories:

- \* 80 Metres Only.
- \* 40 Metres Only.
- \* 80 Metres / 40 Metres Combined.

Certificates will be issued for the following categories:

1. \* 80M ONLY: The top three scores from VK & the top three scores from ZL.
2. \* 40M ONLY: The top three scores from VK & the top three scores from ZL.
3. \* 80M / 40M COMBINED: The top three scores overall, irrespective of which country the contestant has entered from. In other words, there will not be separate certificates issued for the top three from each country as is the case in the 80M & 40M only categories. This will hopefully encourage more operators to partake in both nights operations.

The points system is as follows:

1. \* For the first half hour period of operation, 2 points for each station contacted.
2. \* For the second half hour period of operation, 2 points for each station worked, with a bonus of 3 points if the same station was worked in the first half hour period making for a total of 5 points available if achieved.
3. \* When changing from the first operating period to the second operating period, operators are not allowed to work the same station consecutively. That is, if ZL2SKY works ZL2AUB as his last contact in the first operating period, he must work a different station first in the second operating period before working ZL2AUB again.

Log Sheets are to contain the following:

1. \* Callsign of station worked.
2. \* Time.
3. \* Signal Report Sent & Received.
4. \* Points Claimed for Each Contact.

A separate Log Sheet is required for each night of the contest with the operating band and date specified. In addition, a separate summary sheet advising what category is being entered into along with the operators Name, Address, Callsign and a declaration that all good amateur radio operating practises have been observed for the duration of the contest.

Logs are to be received by the organizer no later than Sunday the 22nd of May 2011.

Logs can be sent electronically to: [zl2sky@zl2ko.org.nz](mailto:zl2sky@zl2ko.org.nz)

Alternatively they can be posted to:

KDMG RTTY CONTEST

365 High Street

Dannevirke 4930

New Zealand

Further information may be obtained by contacting the organizer at either of the addresses given above, or check out the Kiwi Digital Modes Group website at:

[http://www.qsl.net/zl2sky/new\\_page\\_1.htm](http://www.qsl.net/zl2sky/new_page_1.htm)

73 & Happy Contesting  
de Allan Chandler ZL2SKY  
Contest Organizer

2011-02-16

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## Upcoming Events

1. Te Puke Amateur Radio Club Inc. Sale 5-March-2011  
<http://www.nzart.org.nz/activities/events/te-puke-arc-sale/>
2. Wellington EXPO-11 & VHF Convention 23-April-2011  
<http://www.nzart.org.nz/activities/events/expo-2011/>
3. UPPER HUTT NZART Conference 2011 04/06-June-2011  
<http://www.nzart.org.nz/activities/events/2010-upper-hutt-conf/>



## Contest News

### VHF/UHF/SHF Contest

VHF++ Low Band Contest (1st SAT APR 2nd if Easter) 02/03-APR-2011

[THE VHF CONTEST RULES](http://www.vhf.org.nz/VHF-UHF-SHF-ContestRules) (<http://www.vhf.org.nz/VHF-UHF-SHF-ContestRules>)

### Contest Calendar 2011

Contest Name	Date(s) 2011
Jock White Field Day (last full WE FEB)	26/27-FEB-2011
ARRL DX-SSB	05/06-MAR-2011

## Housekeeping

1. Break-In-Closing Date Reminder: Copy for the MARCH/APRIL issue of Break-In-closes on 10-MARCH-2011
2. Copy for Break-In: Copy is welcome in most electronic formats but word.doc files are preferred. Photos and other graphics should be send as separate discrete files (\*.jpg preferred); not as embedded pix in the body of the text. Please ensure that suitable descriptive captions/legends are included with your copy.  
All received copy will be acknowledged to confirm receipt.  
Thank you for your cooperation.  
John Walker ZL3IB Editor.
3. Break-In: Early receipt of copy is much appreciated
4. Break-In-AREC Column: The close-of-copy date is the 03-MARCH-2011 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. Use 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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Next NZART Official Broadcast is on SUNDAY 27-FEBRUARY-2011

Next HQ-Infoline e-mailed on SUNDAY 06-MARCH-2011

Headquarters-Infoline is a twice-monthly bulletin of news from NZART Headquarters. News and items of a general or technical interest are also included that are obtained from various amateur sources. The bulletins are 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/join/e-mail-lists/join-infoline-list/>

Regards, Jamie Pye ZL2NN, Editor [zl2nn@nzart.org.nz](mailto:zl2nn@nzart.org.nz)