



HQ Infoline
A Service From
New Zealand Association of
Radio Transmitters



NZART Headquarters Infoline Issue 206
09-MAY-2010
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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**DIGITAL AMATEUR TELEVISION (DATV) EQUIPMENT
BULK PURCHASE SCHEME**

Following on from the success of the first bulk purchase scheme, the Wellington VHF Group Incorporated is accepting orders for a second scheme, closing at the end of June.

For more details please email:

zl2wa@clear.net.nz

Remit 4 Procedure at the NZART Annual General Meeting

The voting on Remit 4 does not give council a mandate re entry level licence. If passed it merely instructs Council to seek a mandate:

REMIT 4 Hastings Branch 13 Non - Transmitting

"That Council seek a mandate from the full membership before proceeding with the

implementation of an entry level licence"

What I propose to do at the AGM is as follows:

1. Have the remit discussed and voted on.
2. After the remit is voted on I will then call for a poll from all branches as to whether they want an entry level licence or not.

This should settle the matter once and for all.

By polling all branches at the AGM - and counting how many votes they record which way - the matter of an entry level licence should be settled.

When discussing Remit 4 at branch meetings, could all branches please decide whether they want an entry level licence or not - and instruct their delegates accordingly.

The article about an entry level licence that appeared on page 14 of the March/April 2010 Break-In is intended as a discussion document and may not necessarily be the final version should an entry level licence be wanted.

Roy Symon ZL2KH
NZART (Inc) President
April 2010

Opportunity

NZART Transmitting Members are invited by NZART Council to provide guidance and assistance with a matter that is under consideration: **The Future of NZART.**

You are invited to enter,

starting at the TOP LINE on a single A4 sheet "**Submission on The Future of NZART**" followed by your name, callsign, postal address, and date,
OR,

in the address line of your email: "**Submission on The Future of NZART from**" and in the TOP LINE in the body of your email text, again: "**Submission on The Future of NZART from**" followed by your name, callsign, postal address, and date.

Add your NZART Membership Number too - or a statement that you are a current TRANSMITTING Member.

Constructive comments are wanted. Consider the present NZART circumstances and financial position as your start point. You are referred to March/April 2010 "*Break-In*". Previous history is not required.

A single A4 sheet, or if submitting electronically as an email or attachment, not more than one page with this required heading information and your constructive comments will be appreciated.

Submissions that do not meet these rules or which are in excess of these rules will impede the processing in the short time available so will be rejected unconsidered.

Submissions close at midday on Thursday 27 May, at NZART Headquarters, nine days before the AGM.

Please post A4 sheet submissions to: "SUBMISSIONS", NZART Headquarters, P.O. Box 40-525, UPPER HUTT 5140, and in adequate time to reach the destination before the closing time.

Please send emails to nzart.hq@clear.net.nz before the same closing time.

The A4 sheets and email submissions received become NZART Council working documents and the property of NZART Council. No acknowledgements will be given.

Submissions will be considered by Council at its face-to-face meeting on the day before the NZART AGM. The identity of originators of documents will not be disclosed outside NZART

Council.

The release of results, statistical information, extracts from the texts received, and any further use of information received, is at the discretion of, and will be decided solely by, the NZART President.

Notes:

- A single-sheet hard copy submission or a one page email submission has been deliberately requested to ensure fast processing and to study in the short time available before Conference. Your cooperation is requested.
- NZART's principal concerns are the interests of its Transmitting Members.

President's Annual Report - 2009

President's Report Part 1 (covering January-2009 to May-2009)

Being a sometime Returning Officer for NZART Council and Presidential Elections I was particularly pleased at the firm and decisive action taken by the Returning Officer in relation to the Presidential and Council Elections which were required to be held in March for the positions of President and Councillors representing the Northern, Central and Southern Electoral Districts. A Returning Officer appointment can be in a lonely and vulnerable position so we must all take pride in Council's appointment of such a competent officer who in trying circumstances acquitted himself admirably. Printing irregularities occurred on this occasion and appropriate remedial action was taken at minimal expense to NZART. So my thanks to Evan Sayer and his inspired appointment of former Association President, Peter Norden, ZL2SJ and former Councillor Bob Stewart, ZL2AMI Company Director and Software Engineer Loek Strik and Dr Anton Erasmussen Research Scientist as scrutineers for this election.

At the beginning of the year Council were fully conscious of planning arrangements for the 14th IARU R3 Conference subsequently and successfully held in Christchurch 12 -16 October, 2009. Other matters occupying our minds included progress of certain District Plan appeals and implications for all amateurs in relation to antennas, negotiations with Kordia and the perceived need to reduce equipment on some 9 co-location sites also required consideration.

Progress on the consideration of a "Foundation" type licence, a review of the Conference A-Z Handbook and an ongoing review of our Strategic plan dealt with progressively section by section and month by month.

One complex matter that had been occupying both my mind and the mind of Gerry ZL1BBS was how best to deal with AREC funding requirements. After many months the NZART AREC Emergency Funds Trust eventuated and was signed off in May, resulting in subsequent registration with the Charities Commission. Only 2 remits were submitted to Council this year and these were duly considered in anticipation of Conference.

One matter that received constant attention was the need to ensure the filling of officer vacancies. In February Bob Knowles ZL1BAD was appointed to temporarily hold the position of NZART Monitoring Service Co-ordinator (IARU Region 3). As a personal note some vacancies attract a number of high calibre individuals but others are more difficult (and sometimes prove "impossible" to fill). Even if the time is not right for you to put your name forward it is invaluable to know who is out there that may be prepared to lend a hand to hard working Councillors. Do show your interest, even if you can only volunteer for part of a role.

A successful F2F was held at the Wellington Airport on 28th February. Amongst a diverse range of topics Council noted the ruling made by the returning Officer to annul an election in progress and for the avoidance of doubt invoked its powers under clause 8.3 b. of the constitution by directing that the matter is to be determined in accordance with the Returning Officer's ruling.

Council has continued as in recent years to have occasional problems associated with our Web presence but these have - and are - worked through progressively. There is no doubt, however, that Jamie Pye ZL2NN has greatly enhanced our web presence at (now)

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

In annual reports such as this details of everyday activities tend to be overlooked but is often these everyday activities that occupy Councillors whether it be in relation to "tweaking" processes and procedures, dealing with FMTAG recommendations or looking at ways to save costs, promote membership and enhance member benefits. Additionally there is a need to consider who best to deal with matters requiring specialist input so for example in February NZART Council asked FMTAG to lead a review of the VHF-UHFHF Beacon Band Plan.

In March/April 2009 Break-In, members were invited to comment on a proposal, prepared by the NZART IARU Liaison Committee, for the revision of the 40 metre band plan. A large majority of the submissions subsequently received pointed out the importance of aligning our band plan with the recently revised band plans of other countries, such as, for example, retaining Morse exclusivity at 7.000 to 7.030 MHz and digital modes at 7.030 to 7.040 MHz.

Towards the end of my term and in the 3 week lead-up to Conference I became critically ill and was admitted to the ICU in Wellington, during this period Vice-President Dr Stuart Watchman ZL2TW became acting President and ensured a smooth transition to the incoming President and Council. Though unable to attend Conference I had made sufficient recovery to be able with the assistance of Jim ZL2BHF to send from my hospital bed a vote of thanks to all Councillors and officers for their assistance to me over my 4 years as President and prior terms as Councillor I re-iterate those thanks again now. A last minute change to the conference venue resulted in a shift from the Hastings Racecourse to the Hawkes Bay Opera House in Hastings and though I was not present I understand that your acting President ably represented you on that occasion.

Bruce Douglas ZL2WP

President's Report Part 2 (covering June-2009 to December-2009)

As I became president in June, my report is of the second half of the year only. Prior to that Bruce Douglas ZL2WP ably filled the position, assisted by the then Vice President, Stuart Watchman ZL2TW, during Bruce's illness.

One of the Central District councillors, Lee Jennings ZL2AL, resigned early in the period. The next highest polling candidate, Max Wheatley ZL2MAX, was invited to fill the vacancy that arose and he accepted the invitation. I extend thanks to Lee for the work he did while a councillor and thanks to Max for filling the vacancy.

In October NZART hosted the Region 3 IARU triennial conference in Christchurch. This was a very successful event due in large part to the excellent work carried out by the Christchurch organising committee led by Terry Carrell ZL3QL. Thanks to a very generous sponsorship by Tait Electronics of the NZART hosted dinner the conference came in below budget. Reports of the conference have appeared in Break-In. Council are currently working on negotiations with Kordia regarding rental charges on their repeater sites and also towards implementing an entry level licence into amateur radio.

It was very pleasing to see AREC getting a most positive mention in the New Zealand Search and Rescue Council Annual Report. AREC is one of the important public services that we offer and congratulations go to all of those who work so hard and successfully in this service.

The NZART AREC Trust was established during the year to handle funding for AREC.

This is working well.

My grateful thanks go to our very capable Business Manager, Debby Morgan ZL2TDM, and our treasurer, Evan Sayer. We are lucky to have people of this calibre. Thanks also to all councillors, officers, and others who have given up their time and expertise to make sure our hobby thrives and prospers.

Roy Symon, ZL2KH

NZART President

From The Business Manager ZL2TDM

Debby says....

Branch Information

Some weeks ago I sent out a branch circular to all branch secretaries.

Of the number of items included there were two very important notices that required branch attention: One was to have Branch Secretaries return the details of the branch back to me for correction/inclusion in the upcoming call book.

I am rather loathe to start naming branches who have yet to respond, suffice to say I have only received 16 back so far out of a possible 76 posted out. Please send the form back either via e-mail or snail mail, or alternatively advise your branch details in any form that is easiest, but please remember to include everything asked for on the form. If there is no change then, please advise this, also.

The second important notice, was your branch membership statistics. These names were given for branches to vote on remits, to be presented at the upcoming conference. In order to ensure a quorum is attained at the AGM, these figures are essential. If your branch is NOT able to be represented, please let me know your branch voting figures, and also if you require a proxy to present the vote. It is therefore important to advise how many members were actually present when the vote was taken.

Finally while on the topic of branch figures... if for some reason your name does not appear on the list I have sent to the Secretary, please confirm the following:

Have you paid your sub?

Have you moved and not advised HQ of your new Club's details?

Do I prefer to have my branch vote counted at a Club other than in my own area?

Is your Branch in recess and you have not advised HQ of the branch you now attend?

There are a number of members whose details are still listed under branches that have been placed in recess for over 5 years. While it not essential that you regularly attend your local branch, Constitutionally and for the sake of the NZART database, you must be assigned a branch. This does not have to be in the area you reside, however will make it difficult to place a vote should you so desire.

I therefore urge all members to have a second look at your Break In label when you receive the June issue, this advises the branch to which you belong in my database.

Talk soon....Debby ZL2TDM

FMTAG NOTES FOR MAY 2010

PROPOSALS

Branch 13 Hastings-Havelock North has applied for a 9225 repeater at Kauahei, map reference NZ260 V22 265445. The repeater transmit frequency will be 439.225 MHz and the repeater receive frequency will be 434.225 MHz. An engineering evaluation confirms that there will be no interference to other stations.

Branch 13 Hastings-Havelock North has applied for a 4575 APRS Digipeater at Te Awaputahi, map reference NZ260 U24 031855. The digipeater transmit and receive frequency will be 144.575 MHz. An engineering evaluation confirms that there will be no interference to other stations.

Branch 13 Hastings-Havelock North has applied for a 4575 APRS Digipeater at Te Ahioteatua, map reference NZ260 W18 839525. The digipeater transmit and receive frequency will be 144.575

MHz. An engineering evaluation confirms that there will be no interference to other stations.

COMMENTS AND APPLICATIONS

Please send your comments and suggestions on the above matters, and on any other FMTAG matters, by e-mail to: 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/fmtag/index.html>

Completed forms should be sent by e-mail to fmtag@nzart.org.nz

Update to Call Book and Maps

| Station Name | Frequency | Location Name | Map260 | Station Type | Details |
|--------------------------|-----------|---------------|------------|--------------------|--------------------|
| Waikato 12 cm | 2424.260 | TAKAURUNGA | T15/684649 | Beacon | New |
| Nelson APRS | 144.575 | TAKAKA HILL | N26/983206 | APRS Digipeater | New |
| Wairarapa ARPS | 144.575 | PARIWHARIKI | T27/389077 | APRS Digipeater | New |
| Auckland D-Star Voice | 439.575 | MUSICK POINT | R11/800818 | D-STAR VOICE | New |
| Auckland D-Star Voice | 1293.625 | MUSICK POINT | R11/800818 | D-STAR VOICE | New |
| Auckland D-Star Data | 1294.625 | MUSICK POINT | R11/800818 | D-STAR DATA | New |
| Nelson 9925 | 439.925 | GRAMPIANS | O27/334900 | National System | Location Change |
| Nelson 7025 | 147.025 | GRAMPIANS | O27/334900 | Repeater | Location Change |
| Raglan 5675 | 145.675 | TE UKU | R15/835684 | Repeater | Location Change |

Is There a Micro-Supercapacitor in Your Future?

ScienceDaily (Apr. 28, 2010) - "Just think how often your fancy new mobile phone or computer has become little more than a paperweight because the battery lost its zeal for doing its job," says John Chmiola, a chemist with the Lawrence Berkeley National Laboratory (Berkeley Lab). "At a time when cellphones can do more than computers could do at the beginning of the Clinton presidency, it would be an understatement to say that batteries have not been holding up their end of the mobile device bargain."

Want More? See:

<http://www.sciencedaily.com/releases/2010/04/100426092805.htm>

ARRL in Action: What Have we Been up to Lately?

This feature -- including convenient Web links to useful information -- is a concise monthly update of some of the things ARRL is doing on behalf of its members, including filing comments and replies with the FCC on a number of matters pertaining to Amateur Radio, launching our new Web site, organizing new operating events, preparing for WRC-12, offering more on-the-air options from W1AW and more. This installment covers the month of April. Read more here

<http://www.arrl.org/news/arrl-in-action-what-have-we-been-up-to-lately-21>

NZART Council Working Action Points

Updated 06-MAY-2010

- *Repeater and beacon financial processes,*
- *Member only reflector,*
- *Amateur Radio promotional material,*
- *Foundation license and using copyright material,*
- *How to improve NZART membership-A councillor's paper,*
- *NZART promo brochure,*
- *Members correspondence, and*
- *IARU recommendations RE Presentation and R3 band plans.*

Upcoming Events

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>

Contest News

VHF/UHF/SHF Contest Notes

RESULTS OF THE LOW BAND CONTEST 10th and 11th April 2010

| Band | | | |
|-----------------|----------------|--|---------------|
| Callsign | Locator | | Points |
| 2 m | | | |
| ZL1TPH | RF73hm | | 233 |
| ZL1SWW | RF73kd | | 147 |

BEST DX

2 m

ZL1TPH to ZL2UGL 530 km

11 STATIONS ACTIVE

ZL1AKW, ZL1AMO, ZL1AVZ, ZL1FS, ZL1LDS, ZL1RS, ZL1SWW, ZL1TPH

ZL2IP, ZL2TAL, ZL2UGL

EQUIPMENT USED (IF STATED)

2 m

IC-271H + 300 W amplifier + 8-element Yagi (Horizontal)

400 W to Yagi

The next contest is the HIBERNATION CONTEST, all bands 50 MHz and up, on Saturday the 12 and Sunday the 13 of JUNE 2010. This is the weekend after the ANNUAL CONFERENCE IN

AUCKLAND. 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

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.html>

For the contests below please see the latest "Contest Manager's Report"

This can be found on the NZART Web Contest page at:

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

None this time

General Information For Break-In and HQ Infoline

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

- **Closing Date Reminder:** Copy for the JULY/AUGUST issue of Break-In closes on 10-JULY-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-JULY-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.txt>

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

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Subscribe to and Un-Subscribe From Infoline

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

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 30-MAY-2010

Next HQ-Infoline e-mailed on SUNDAY 23-MAY-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