



# Headquarters - Info - Line

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The New Zealand Association of  
Radio Transmitters Incorporated



10 June 2007

Issue # 139

## Greetings Everyone

Welcome to Headquarters-Info-Line a twice-monthly bulletin of news from NZART Headquarters E-mailed directly to Branches and to others that subscribe through the NZART Web Site.

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### From the Editor of Break-In Wanted; Copy for Break-In

As readers will see from the May/June issue of Break-In my stock of articles etc for future issues is dangerously low so I appeal to members to assist with material for publication. This could be short or long articles on any topic related to amateur radio and electronics, constructional articles, book reviews, equipment reviews, software reviews, branch activity reports, etc. In fact anything that hams might find of interest.

Thanks and 73,  
John R L Walker ZL3IB (Editor),  
Email <[zl3ib@nzart.org.nz](mailto:zl3ib@nzart.org.nz)>

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### Break-In Closing Date Reminder

From the Editor Break-In, Official Journal of NZART Inc.  
"Copy for the June/July issue of Break-In closes on **10th JULY 2007**.  
Early receipt of copy is much appreciated. Thanks. John ZL3IB, Editor"

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### NZART Minutes of Meetings:

As noted in the HQ InfoLine No. 132 from 18 February 2007, Council has commenced publishing the minutes of its monthly council meetings on the NZART Web Site.  
(These will follow the example of the Canadian societies approach.)

The minutes of the April 2007 On Air Meeting are situated at: <http://www.nzart.org.nz/nzart/minutes> as a PDF file. As each meeting's minutes are approved they will be posted on this page.

Thanks, Mark ZL2UFI

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### **Highlights from the Council Meeting on Friday 1 June 2007:**

1. Break-in will continue to be offered for sale in bookstores around New Zealand for a further twelve months.
2. The position of the ALO (Administration Liaison Officer) has yet to be determined, but details will be made public soon, in the meantime Bruce Douglas ZL2WP and Mark Gooding ZL2UFI are to continue in this role.
3. Subscriptions for 2008 will remain the same as 2007, therefore no subscription increase.
4. Council is looking at the proposal to have a longer subscription period, that of three or five years.
5. Two nominations were received for Vice President of NZART with, Dr Stuart Watchman ZL2TW being successful.
6. WRC-07 (World Radiocommunication Conference 2007) in Geneva, Switzerland, 22 October-16 November 2007, a NZART Representation has yet to be decided.
7. Branches are urged to encourage non-members of NZART to join and support NZART in the protection of the amateur bands.

### **Highlights from the AGM on Saturday 2 June 2007:**

1. AGM opened by the Honourable Steve Maharey local MP for the Manawatu, and also Minister of Education, Minister of Broadcasting, Minister of Research, Science and Technology, Minister for Crown Research Institutes and Minister responsible for the Education Review Office.
2. Michael Owen VK3KI, President of WIA spoke to the changes in the WIA (Wireless Institute of Australia) since his visit two years ago at the New Plymouth Conference in 2005.
3. Phil Wait VK2DKN, WIA Councillor spoke to BPL (Broadband over Power Lines) with well presented and received presentation.
4. Concerns expressed by Evan Sayer NZART Treasurer of the falling numbers in membership, with a critical membership number of 1800 mentioned. If membership drops below this number then Break-In and NZART Headquarters is seriously at risk. He urged members to try to get non-members signed up to NZART to ensure these two valuable assets are retained.
5. Remit 1 was put by Wanganui Branch as contained in Break-In. An amendment was put and lost; the original was also put and lost. Although lost the remit provided valuable input and Council will take on board the comments made.
6. Mike Newman ZL1BNB was awarded the title "Amateur of the Year". Award was presented by the President of NZART Bruce Douglas ZL2WP as recognition of his work as Local Government Liaison Officer especially of the last twelve months as reported in Break-In.
7. Conference for 2008 will be hosted by the Otago Branch, over Queens Birthday 2008 (30 May – 2 June 2008).
8. Rothschild Cup was presented to Manawatu Branch 20 for having the most successful number of exam candidates for 2006. (Note: Auckland was reported in Break-In but this was incorrect as Auckland's numbers were a combination of all branches and therefore was not correct.)
9. GURL Proposal was discussed, with a resolution from the floor stating "That this Conference considers that in most circumstances the GURL option is an unacceptable solution to the repeater licensing situation and directs Council to negotiate a solution involving the SMART system at no cost or minimal cost to the Amateur Radio Service." This resolution was carried unanimously.
10. The AGM concluded with Vaughan Henderson ZL1TGC receiving the Stirrers Award.

### **Highlights from the Forums on Sunday 3 June 2007:**

1. WARO – new officers Lynette McDonald ZL1LL, Past President Rosemary Boshier ZL1RO, Membership and Treasurer Margaret Bretherton ZL1MB, Committee Bev Gillman ZL3OV and Sharon May ZL3AE.
2. Winners of the Thelma Souper Memorial Contest – YL Section: 1st Sharon May ZL3AE, 2nd Lee White ZL2LE and 3rd Allison Chandler ZL2KID. OM Section: 1st Brian Burgess ZL1MI, 2nd Wayne Fisher ZL2AYB, and 3rd Paul Manley ZL2CQ.
3. OTC – Grand Old Man Peter Anderson ZL1LR, Roy Symon ZL2KH continues as Secretary/Treasurer. Roy Symon was awarded the Montgomery Cup for the best OTC Article in Break-In for 2006.
4. SPAM – all continues as is with nothing new to report.
5. AMSAT-ZL – Fred Kennedy ZL1BYP gave a run down on progress by the KiwiSat Team. Many modules

are nearing readiness for flight status. Launch date is set for late 2008. AMSAT-ZL is looking for branch sponsorship for the expensive solar cell requirements. Quote from the meeting from Fred Kennedy ZL1BYP was "it will fly... it's a matter of when... not if!"

6. At a Forum in the afternoon Fred Johnson ZL2AMJ was presented with a certificate of service of his role as Administration Liaison Officer by the President of NZART Bruce Douglas ZI2WP.

7. Branch Challenge was presented by last year's winners Branch 22, and won this year by Branch 74.

8. The Sunday evening quiz run by Jim Meachen ZL2BHF and sponsored by the Com Centre was won by Debby Morgan ZL2TDM.

9. Best Score in an Amateur Exam was to Aidan Gauland ZL3GBO for a perfect 60/60 score.

### **Highlights from the Council Meeting on Monday 4 June 2007:**

1. The new Council for 2007-2009 met for the first time on Monday morning from 9.00 to 12.00 pm.

2. WRC-07 (World Radiocommunication Conference 2007) in Geneva, Switzerland, 22 October-16 November 2007, Peter Lake ZL2AZ is to represent NZART as part of the New Zealand delegation to this conference.

3. The position of the ALO (Administration Liaison Officer) will be reviewed over the coming months and a position decided upon before any further action is taken on this Officer role.

4. Council has asked the Callbook Editor to produce a Midi version of the callbook this year, same as the blue faced one printed for the 2005-2006 year.

5. As a result of the GURL outcome the ALO's are to return to MED and pursue options put forward from the AGM, and the motion that was agreed to.

6. A membership drive is to be advertised again this year to raise the membership numbers to ensure that the association is in good shape for the next financial year.

7. Council is awaiting the outcome of the North Shore District Councils district plan (Proposed Plan Change 18: Network Utilities and Designations) before deciding if any further action is required.

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### **Broadband Over PowerLines (BPL)**

At Conference, this video was used to demonstrate how much interference Broadband over PowerLines (BPL) generates. Tell your friends - <http://www.youtube.com/watch?v=1gsxpya3CnQ>  
73, Gavin ZL2ACT

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### **Out and About**

#### **500 kHz an Expanding World**

Word that the German medium wave radio experiment is expanding. Since the beginning of 2005 the German telecommunication authorities have licensed a propagation study on medium wave bands. The first permit for an experimental station on 440 kHz plus/minus 100 Hz was issued to DJ2LF under the call sign DI2AG. In May 2006, DK8KW got the second license to operate under the call sign DI2BO at his home location in Peine near Hannover.

Now comes word that early in 2007 the experimental radio licenses were extended to a second frequency. Besides 440 kHz the frequency of 505.1 kHz plus or minus 100 Hz is also now being used. This frequency falls into the frequency range being used by the United States experimental radio group with the call sign WD2XSH.

And this just in. Swedish authorities have issued one license for this frequency range. (ARNEWSLINE)

### **Rescue Radio: Advanced Safety**

General Motors remote vehicle monitoring technology, called OnStar, will be used to get data from a vehicle crash. This data can tell the severity of a crash, where the vehicle was struck, if airbags deployed and whether the vehicle has rolled over. Experts monitoring the crash data, radioed back to a central point, can tell first hand, what type of crash that has occurred, thus alerting authorities what can be expected at the crash site.

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## Contests

### A Report and Results for the CQ WW WPX CW Contest

We had lots of fun, and in spite of conditions at the bottom of the cycle we managed to beat our 2006 score by more than a million points. Jacky ZL3CW's rate topped 200+ QSO/hour 3 hours into the contest but activity and conditions declined, leaving our average at 39.6 per hour. An hour before the start, one transceiver went down and Murphy then left us alone for the whole contest.

Call	ZM1A	Category	Multi-Single	Raw scores:
Band	QSO			
80m	124			
40m	871			
20m	781			
15m	122			
10m	4			
Total	1902	QSO	653 Mults	5,415,982 points

Operators: Jacky ZL3CW, Aki ZL1GO, John ZL1BHQ, Ken ZL1AIH

QTH: Waimauku  
Equipment: Icom 781 + amp, Elecraft K2 + amp  
Logging: CTWin  
Antennas: (run) quads at 18m, 40m dipole, 80m T (mult) quads at 10m, 40m vertical, 80m T

Oh well, only 3 weeks till the All-Asia Contest. (-). 73, Ken ZL1AIH

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### Forthcoming NZART Contests

#### The Next VHF Contest

The following contest is the Brass Monkey Contest, on Saturday the 4th and Sunday the 5th of August 2007. The operating times are: Saturday 1700 to 2300 NZT and Sunday 0700 to 1300 NZT.

The contest after that is the Microwave Contest, all bands 614 MHz and up, on Saturday the 6th and Sunday the 7th of October 2007. The operating times are: Saturday 1700 to 2300 NZT and Sunday 0700 to 1300 NZT.

The rules are available at: <[www.nzart.org.nz/nzart/update/contests/vhfcontestrules0606.html](http://www.nzart.org.nz/nzart/update/contests/vhfcontestrules0606.html)>

All contest logs should be sent, to arrive within two weeks, to:

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

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### Waitakere Sprint

Waitakere Sprint is on again this year with the Phone sprint being the last Saturday in July and CW sprint being the first Saturday in August 2007. Both on 80 metres. The full rules can be found on the club's website at [www.qsl.net/zl1ac/wsrc-sprint.html](http://www.qsl.net/zl1ac/wsrc-sprint.html). The sprints are for one hour duration from 10pm to 11pm local time. It is open to all Amateurs in New Zealand, Australia and the South Pacific.

73, David ZL1DK

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## **2007 NZART MEMORIAL CONTEST – 80M – SSB AND CW.**

When: - 7 & 8 July 2007.

Times: - 2000 NZST – 2300 NZST, divided into 3 operating periods each evening.

Band: - 80M SSB and CW.

Contest Rules – refer 2006 NZART Callbook, Pages 5-4 and 5-5, also NZART Website.

<http://www.nzart.org.nz> for updated Contest information.

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### **Auto-Subscription and Un-Subscribe**

It has never been easier to subscribe to the Info-Line distribution list and have Info-Line sent to you direct by E-mail. Just check into the NZART web page. <http://www.nzart.org.nz/nzart> Look for Info-Line Subscribe. Supply your name, call sign and e-mail address and that's all you need to do. You will receive an e-mail confirmation of your auto-subscription and you can un-subscribe (see instructions at bottom of Web page) at any time.

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### **Dates for Official Broadcast (OB) and Head Quarter's Info-Line (HQIL)**

2007 OB Sunday 8 pm. Broadcasts dates are: Jun 24, Jul 29, Aug 26, Sep 30, Oct 28,

2007 HQIL Sunday publishing dates are: Jun 24, Jul 8, Jul 22, Aug 5, Aug 19, Sep 2, Sep 16, Oct 7, Oct 21,

**\* NZART Official Broadcast Sunday 24 JUNE 2007**

**\* Next HQ-Info-Line E-mailed on Sunday 24 JUNE 2007**

Regards, Jamie Pye ZL2NN, Editor