



# Headquarters - Info - Line

... a service from ...

The New Zealand Association of  
Radio Transmitters Incorporated



20 November 2005

Issue #106

Greetings Everyone!

Welcome to **Headquarters-Info-Line** a fortnightly bulletin of news from NZART Headquarters E-mailed directly to Branches.

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## **The NZART Business Manager Debby ZL2TDM Says:**

**SUBSCRIPTIONS & XMAS** - Only 34 sleeps to go before the big fat fellow comes down your chimney and gives you lots of delicious new amateur radio equipment! But there are only 10 sleeps to go to pay your 2006 annual subscription to NZART and still be eligible for the \$15 rebate.

If you prefer to pay by direct credit to our bank account the details are as follows: BNZ Upper Hutt, Name of Account NZART, 02 0772 0209760 00, Please remember to include either your membership number or call sign so that I can identify your payment.

For those of you having a struggle to pay, at this time of year, there is always a payment plan that can be worked out to suit your income, contact me for more details. Do not let the cost of the subscription be the reason not to continue your membership. This year more than ever, as there have been no license fees, the Association needs your support.

**WEB SITE CHANGE...**Please feel free to log on to our new look web site [www.nzart.org.nz/nzart](http://www.nzart.org.nz/nzart) See the number of activities that your Association is engaged in and where subscription money goes.

**EMC OFFICER APPOINTMENT...**The position of EMC officer has now been appointed to Brian Emmett ZL3BE of Christchurch. Brian can be contacted on [brian.emmett@tait.co.nz](mailto:brian.emmett@tait.co.nz) or his address as listed in Call Book.

**AREC NATIONAL DIRECTOR...**for those of you interested in this position, please submit a letter of application together with your CV to NZART Council, P O Box 40 525 Upper Hutt.

Talk soon...Debby ZL2TDM

## **FMTAG Notes:**

At its November meeting, NZART Council approved publication of the following FMTAG Notes.

### **Interim Recommendations to Council -**

**Branch 05 Christchurch** has applied to increase the transmitter power of 705 Marleys Hill (repeater transmit frequency 147.050 MHz, repeater receive frequency 147.650 MHz). An engineering evaluation confirms that the repeater will not interfere with other 705 repeaters.

**Branch 05 Christchurch** has applied to increase the transmitter power of 725 Herbert Peak (repeater transmit frequency 147.250 MHz, repeater receive frequency 147.850 MHz). An engineering evaluation confirms that the repeater will not interfere with other 725 repeaters.

### **Final Recommendations to Council -**

**Branch 30 Otago** has applied to increase the transmitter power of 690 Mount Cargill (repeater transmit frequency 146.900 MHz, repeater receive frequency 146.300 MHz). An engineering evaluation confirms that the repeater can continue operating on the existing frequencies, at the increased power.

**Branch 30 Otago** has applied to increase the transmitter power of the 465 Highcliff Digi (transmit and receive frequency 144.650 MHz). An engineering evaluation confirms that the repeater can continue operating on the existing frequency, at the increased power.

**Branch 30 Otago** has applied to increase the transmitter power of 665 Highcliff (repeater transmit frequency 146.650 MHz, repeater receive frequency 146.050 MHz). An engineering evaluation confirms that the repeater can continue operating on the existing frequencies, at the increased power.

**Branch 35 Balclutha** has applied to increase the transmitter power of 675 Kuriwao (repeater transmit frequency 146.750 MHz, repeater receive frequency 146.150 MHz). An engineering evaluation confirms that the repeater can continue operating on the existing frequencies, at the increased power.

**Branch 39 Tauranga** has applied to change the location of its 144.625 MHz digipeater ZL1TP-1, from Cambridge Road, grid reference U14 856839, to Wharetetarakoho, grid reference U14 975764. Engineering analysis confirms that the digipeater can continue to operate on the existing transmit and receive frequency of 144.625 MHz, at the new location.

**Branch 74 Wellington VHF** has applied to increase the transmitter power of 710 Belmont (repeater transmit frequency 147.100 MHz, repeater receive frequency 147.700 MHz). An engineering evaluation confirms that the repeater can continue operating on the existing frequencies, at the increased power.

**Branch 74 Wellington VHF** has applied to change the frequency of its 850 repeater, located on Mount Victoria (Wellington), at grid reference R27 604886. We have selected 950, being a repeater transmit frequency of 439.500 MHz, and repeater receive frequency of 434.500 MHz, as being the most appropriate.

**Branch 78 Far North** has applied to re-locate 6775 Paikauri to Akatere (repeater transmit frequency 146.775 MHz, repeater receive frequency 146.175 MHz). An engineering evaluation confirms that the repeater can continue operating on the existing frequencies, at the new location.

**Comments** - 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) or by mail to FMTAG, c/- NZART, PO Box 40-525, Upper Hutt.

**Applications** - Applications for repeaters, beacons, digipeaters, point-to-point links, and so on, should be made on the latest version of FMTAG Form 10, which may be obtained from the above address, in paper or electronic versions or downloaded from the NZART Web Site. Completed forms should be sent by e-mail to [fmtag@nzart.org.nz](mailto:fmtag@nzart.org.nz) or by mail to FMTAG, c/- NZART, PO Box 40-525, Upper Hutt.

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## **NZART Contests and Activities with John Powell ZL1BHQ:**

**Contest Results** - Results of the 2005 Memorial Contest and 2005 Doug Gorman Frequency Measuring Contest have been posted on the NZART Contest Website and will also be published in the Nov/Dec 2005 Break In. Results of the Waitakere Sprint(s) are still awaited.

**Upcoming Contests** - 26/27 Nov. 2005 - CQWW CW Contest - source of rules will be published in next week's edition of this Bulletin.

**8 Dec. 2005 - H-Night Activity** - Details in Sept/Oct issue of Break In - page 37

**25/26 Feb. 2006 - Jock White Memorial Field Day Contest** - Rules in 2004 Callbook and updated details in the Nov/Dec Break In Contest Column.

**Ionospheric Conditions** - For the first time since 16 Sept. 2005 the SFI index exceeded 100 on 15 Nov. Apart from a one day decline, the indices appear to be tracking upwards. Hopefully this trend will continue next weekend for the "big one" (CQ WW CW Test).

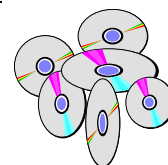
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### **Memo to *Break In* contributors; CDs.**

Nowadays many contributors are sending me graphics and photos, etc on CDs and this is much appreciated.

At present the cost of a CD is less than the postage costs so, unless requested otherwise, they will not be returned. Please let me know ASAP if I still have a CD or photo that you would like returned and I will action.

Thanks. **John ZL3IB Editor.**



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### **An Amateur Radio Service Milestone – By Barry ZL1DD:**

It's a little over 100 years since the theories of wireless transmission (radio) became a practical reality, transmitters and receivers, have been developed to extraordinary levels of precision and performance. Public radio broadcasting started about 1920. Television, radar, semiconductors, electronic computers with associated software, integrated circuits, and all the electronic devices that we now take for granted, followed as scientists and manufacturers learned to manipulate the chemistry, physics and mathematical calculations needed to design, fabricate and use new electronic components..

Since about 1915 amateur radio constructors and experimenters, have been exploring these emerging frontiers of human knowledge and their work has enlarged those frontiers. For example in 1924 two English and New Zealand amateurs first demonstrated the globe-spanning possibilities of radio.

Many amateurs joined the armed forces of their respective nations in World War II. Early in that war all NZ amateur transmitting privileges were removed for security reasons. From 8 December 1945 those activities resumed. . 60 years later, on 8 December 2005, New Zealand amateurs plan to commemorate that event by a special operation on the airwaves in the 80 metre band starting at 1930 NZDT.

In many countries around the world, including New Zealand, the local amateur radio services, with their versatility and mobility, frequently provide emergency communications. The situations can range from simple search and rescue operations in difficult terrain, to maritime networks which routinely help oceangoing yachts far from land, to filling in communication gaps after such major disasters as the Asian tsunami, or areas affected by hurricanes and earthquakes where whole infrastructures or fixed communication networks may have fallen over.

And so, on 8 December 2005 New Zealand radio amateurs plan a quiet commemoration of the start of a momentous 60 years of progress in their small corner of the vast wireless communications domains which keep the modern world ticking over.

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## **Dates To Remember:**

- **Next NZART Official Broadcast Sunday 27<sup>th</sup> November**
- **H Night 60<sup>th</sup> Anniversary Activities on 80 Metres at 1930 NZDT.**
- **Final HQ-Info-Line for 2005, E-mailed Sunday 11<sup>th</sup> December**

**73**

**Jim Meachen ZL2BHF**

**Editor**