



# Headquarters - Info - Line

... a service from ...

The New Zealand Association of  
Radio Transmitters Incorporated



16 February 2003

Issue #47

Greetings Everyone,

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

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> look for **Info-Line Subscribe**. Supply your name, callsign 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 at any time.

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

### **Council's face to face meeting**

Not a lot of news at this time, as I have been kept busy preparing for Council's face to face meeting here in Upper Hutt over the weekend of 15/16 February.

You may recall two issues ago, that I asked anyone or any Branch if they have any concerns/issues to be discussed to please send details to me by early February to include on the agenda for Council.

I'm happy to report that I received nothing, therefore can only assume that all members are happy with how the Association is going and also the performance of Council and NZART Officers.

### **MED Amateur Radio Statistics**

After many reminders to the Ministry, we had yet to receive amateur radio statistics for the months of December 02 and January 03. Fred ZL2AMJ, finally had success in obtaining them early this week.

This is further evident in the number of new members to the Association as I have received five new applications to join NZART and we are only in week six of the year. Very promising!

### **FMTAG Notes**

The latest FMTAG notes and recommendations to NZART Council are attached to this issue of Info Line.

### **No Break In?**

Okay by now you will have guessed that something was missing in your letterbox around the beginning of February. Please check to make sure that you have paid your 2003 membership. This is a very big year as far as expenditure on travel funds is concerned, therefore the Association urges you to renew and assist those who are to represent you all at the World Radio Conference in Geneva and also the IARU Region 3 Conference in Taiwan.

Catch you in the next issue, by which time I should have completed the minutes from Council's meeting and will be able to update you all. Until next time.....

## CONTESTS with Stan ZL2ST:

The Jock White Memorial Field Day contest is next weekend. Are you ready?

Also next weekend February 22/23 are:

0600-1800 UTC (Sat/Sun) REF (French Station) SSB Contest.

1300-1300 UTC (Sat/Sun) UBA (Belgium) CW Contest.

and February 21/23 2200-1600 UTC (Fri/Sun) CQ 160 M SSB Contest.

The following weekend, March 1/2 0000-2400 UTC (Sat/Sun) is the ARRL International Phone DX Contest.

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## From the Ministry of Economic Development:

### Amateur Statistics as at 3<sup>rd</sup> February 2003:

Beacons	42	Repeaters	212	Digipeaters	29
Fixed	2	General	3281	Limited	1603
Novice	16TV	Repeaters	19		

**Total 5204**

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## DID YOU KNOW:

**That** a request was made in 1990 by NZART for access to the LF band 165-190 kHz by New Zealand radio amateurs?

This was approved subject to special conditions at that time. Access to this LF band didn't just happen. NZART works in the interests of all radio amateurs in New Zealand and needs the support of your continuing membership. Suggest to others that they join NZART too.

NZART works in the interests of all radio amateurs in New Zealand and needs the support of your continuing membership. Suggest to others that they join NZART too. See:

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

## BRANCH SPOT:

The Annual Far North Branch 78 Avocado Award will be running from the 3<sup>rd</sup> March until the 9<sup>th</sup> March 2003. Operators will be on 2metres, the National System and 80 metres (3645 kHz + or -5) from 2000hrs to 2100hrs each evening. Full details can be found on page 38 of [Jan/Feb 2002](#) issue of Break-In.

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## Technology Convention, Hamilton, Easter 2003:

This Easter, April 19<sup>th</sup> & 20<sup>th</sup> Technology Convention will be hosted by the Hamilton Amateur Radio Club at the premises of the Hamilton Astronomical Society, Brymer Road, Hamilton, adjacent to the Hamilton Zoo.

On Friday evening, 18<sup>th</sup> April, our Clubrooms at 88 Seddon Road, Hamilton, will be used for early check-ins and a social chat from 7:30pm onwards. A listening watch will be kept on the 695 repeater for anybody who feels they are lost. Some soup and bread rolls will be available for those requiring sustenance.

Final programme details are still to be finalized as we go to print. So keep an eye on “HQ-Info-Line” for those details and any further Convention news. It is planned to have forums and presentations on such subjects as microwave equipment construction, homebrew test equipment, APRS, 10 GHz ATV, plus other state of the art Amateur radio disciplines.

Convention can be an enjoyable weekend of learning about new technologies and of fellowship with other Radio Amateurs. **Complete the Registration Form attached to this issue of HQ-Info-Line** and mail it early as only the first one hundred registrations can be accepted. Further details and a map showing how to get to the venue will be mailed out with your receipt after your registration has been processed.

If you have any enquiry about the Technology Convention, write to:

Technology Convention – 2003  
PO Box 606  
**Hamilton**

Or email Gavin Petrie at [gavinwp@ihug.co.nz](mailto:gavinwp@ihug.co.nz)

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### **Dates To Remember:**

- **Next NZART Official Broadcast Sunday 23<sup>rd</sup> February.**
- **Next HQ-Info-Line e-mailed on Sunday 2<sup>nd</sup> March**
- **Technology Convention 2003 in Hamilton 19<sup>th</sup> & 20<sup>th</sup> April**
- **NZART Conference 2003 Solway Park, Masterton over Queen’s Birthday Weekend.**

73

*Jim Meachen ZL2BHF*

**Editor**

**Technology Convention – Hamilton, Easter 2003**

**April 19<sup>th</sup> & 20<sup>th</sup>**

Venue: Hamilton Astronomical Society Clubrooms, Brymer Rd., Hamilton

***Registrations MUST be in by 9 April 2003, and will be limited to the first 100.  
Because of catering requirements there will be NO door sales.***

Name: ..... Call: .....  
(First) (Surname)

Address .....

Partner ..... Phone .....  
(First) (Surname)

Name & Call-sign for 'swinger/s' .....

Email Address: .....

Please put numbers attending in boxes below as appropriate:	each	Total
Full programme	<input type="checkbox"/>	\$80.00 .....
Saturday Programme - day only (includes am/pm teas & lunch)	<input type="checkbox"/>	\$24.00 .....
Sunday Programme – day only (includes am/pm teas & lunch)	<input type="checkbox"/>	\$24.00 .....
Saturday evening dinner	<input type="checkbox"/>	\$21.00 .....
Sunday evening dinner	<input type="checkbox"/>	\$17.00 .....
		<b>TOTAL</b> .....

Please return with cheque to: Technology Convention 2003, P O Box 606, Hamilton

**Please make cheques payable to: Hamilton Amateur Radio Club Inc.**

**Accommodation is your responsibility**

***Technical lectures, presentations and other details will be published in HQ-Info-Line***

# **FMTAG NOTES FOR FEBRUARY 2003 COUNCIL MEETING**

## **INTERIM RECOMMENDATIONS TO COUNCIL**

### **CARDS 840 repeater re-location**

The Canterbury Amateur Radio Development Society has applied to re-locate the Eyrewell 840 repeater to Marleys Hill. We recommend that this be approved, subject to minor changes to the technical parameters of the repeater.

### **Upper Hutt 9625 repeater re-location**

Branch 63 has applied to re-locate the 9625 repeater from the Branch 63 clubrooms to NZART HQ. The increase in altitude should not markedly increase co-channel interference to other repeaters using the same channel.

### **North Otago ATV repeater**

Branch 64 has applied for an ATV repeater to be located at Cape Wanbrow, NZ260 grid reference J41 560940. It is planned to include an AMTV receiver on 431.25 MHz, an AMTV transmitter on 615.25 MHz (Channel 39), an FMTV receiver on 1248 MHz, an FMTV receiver on 2416 MHz and an FMTV transmitter on 1282 MHz.

## **FINAL RECOMMENDATIONS TO COUNCIL**

### **Branch 03 Western Suburbs STSP repeater**

Branch 03 has applied for a Short-Term Special-Purpose (STSP) repeater. We have selected 6925, being a repeater transmit frequency of 146.925 MHz, and repeater receive frequency of 146.325 MHz, as being the most suitable.

### **Branch 26 Nelson STSP repeater**

Branch 26 has applied for a Short-Term Special-Purpose (STSP) repeater. We have selected 8625, being a repeater transmit frequency of 438.625 MHz, and repeater receive frequency of 433.625 MHz, as being the most suitable.

### **CARDS 10 metre FM voice repeater**

The Canterbury Amateur Radio Development Society has applied for a 10 metre FM voice repeater, having the 10 metre transmitter at Science Alive, Moorhouse Avenue, Christchurch, and a remote 10 metre receiver at Eyrewell, NZ260 grid reference M35 552533, and for a 32 cm one-way point-to-point link between the two sites. For the repeater, we have selected 963, being a repeater transmit frequency of 29.630 MHz, and repeater receive frequency of 29.530 MHz, as being the most suitable.

For the link we have selected a frequency of 928.975 MHz, as being the most suitable.

## **TECHNICAL ADVICE**

Late last year we received advice from a Branch that their repeater was being triggered by stations accessing a distant repeater, on an adjacent channel. The Branch requested that we investigate the problem.

At FMTAG's request, tests were performed on the affected repeater. These tests showed that the repeater's receiver acceptance bandwidth was almost three times the specified standard, and that this was the most likely cause of the interference.

## **COMMENTS**

As always, we value your comments and suggestions on the above matters and recommendations, and on any other FMTAG matters.

Please send your comments by mail to FMTAG, NZART Headquarters, PO Box 40-525, Upper Hutt, or by e-mail to [fmtag@nzart.org.nz](mailto:fmtag@nzart.org.nz).

## **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. Completed forms should be sent to the same PO Box or e-mail address.