



# Headquarters - Info - Line

... a service from ...

The New Zealand Association of  
Radio Transmitters Incorporated



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Issue #102

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:**

**Examinations...**I know I always seem to be harping on about exams, but there seems to have been a dramatic downturn this year. Figures for 2004 at the same time last year had 55 passes, while this year only 24. Perhaps you are all eagerly awaiting the Video/DVD that Dr Stuart ZL2TW is undertaking for training purposes? Well he will only be able to produce such a program if YOU answer his survey that was sent out to all Branches last week. Stuart really needs your input to make sure that this project will be a success. Please complete and forward to Stuart or me here at Headquarters.

**Still on Exams and your knowledge ...**You will find a document attached that lists some free NZART products that are important to all New Zealand radio amateurs. The regulatory booklet should be in every operator's shack for reference. Another attached document presents a regulations summary for candidates studying for the examination. It is suggested that both attached documents could be distributed with newsletters and copies also given to examination candidates. Providing these is just another NZART Service ... ☺ or see <http://www.nzart.org.nz/nzart/Exam/Regulations%20Aide%20Memoire.pdf>

**New Member Promo.....**Many of you will have heard of someone who has received a letter from the President of NZART inviting them to join the Association. I have heard that some members are grumbling about the amount new member joining fee is compared to existing, it's like all advertising, make it attractive to have them join up.

Remember how much Sky Digital cost when it first came out.... Now I am paying for those who can get the dish and the first months rental for just \$99! The more people we can encourage to join, the more likely membership fees will remain the same or if we get 500 new members subs just may reduce if I can twist the treasurers arm!

**That's all for this issue..... Debby ZL2TDM**

## **FMTAG Notes:**

### **MED INVOICING FOR REPEATER/BEACON/LINK LICENCES**

Through an administrative oversight, the MED has issued Invoices to some Branches, demanding \$50 payment for each Repeater, Beacon or Link licence, despite MED earlier assurances that such Invoices should not have been issued, and need not be paid. Several licences have now been cancelled and NZART has complained to the MED. The MED has again assured us that such Invoices should not have been issued, and need not be paid. However, Branches receiving such Invoices should advise FMTAG immediately.

### **INTERIM RECOMMENDATIONS TO NZART 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.

### **FINAL RECOMMENDATIONS TO NZART COUNCIL**

**Branch 06 Tararua** has applied for a frequency change for its Wharite 9225 Voice and Data repeater. We have chosen 960, being a repeater transmit frequency of 439.600 MHz and repeater receive frequency of 434.600 MHz, as being the most appropriate.

**Branch 08 Eastern Southland** has applied for a National System repeater, to be located at Hedgehope, grid reference F45 783485. This will consist of a National System Repeater and a UHF Link Station (ULS). We have chosen 9875, being a repeater transmit frequency of 439.875 MHz, and a repeater receive frequency of 434.875 MHz as being the most appropriate.

**Branch 11 Gisborne** has applied for a National System repeater, to be located at Whakapunake, grid reference X18 091532. This will consist of a National System Repeater and a UHF Link Station (ULS). We have chosen 9875, being a repeater transmit frequency of 439.875 MHz, and a repeater receive frequency of 434.875 MHz as being the most appropriate.

**Branch 22 Marlborough** has applied to link its 560, 695 and 7225 repeaters, by means of in-band VHF Link Stations (VLS) at the Picton 7225 and Ward 560 repeater sites. We have chosen the following frequencies as being the most appropriate:

Picton 635 VLS facing Blenheim 695: VLS transmit 146.350 MHz, VLS receive 146.950 MHz.

Ward 635 VLS facing Blenheim 695: VLS transmit 146.350 MHz, VLS receive 146.950 MHz.

**Reefton-Buller Branch 62** has applied for a National System extension for Westport and Reefton. This will consist of a National System Repeater and two UHF Link Stations (ULS) at Rochfort, grid reference K29 053357, and an inverted, tail-less, National System Repeater at Reefton, grid reference L30 181978. We have chosen the following frequencies as being the most appropriate:

**WESTPORT 9975 NATIONAL SYSTEM:** repeater transmit 439.975 MHz, repeater receive 434.975 MHz. **REEFTON 4900 NATIONAL SYSTEM:** repeater transmit 434.900 MHz, repeater receive 439.900 MHz

**Branch 78 Far North** has applied to link its 6775, 710 and 7225 repeaters by means of a combination of in-band VHF Link Stations (VLS) and a bi-directional 70 cm link. We have chosen the following frequencies as being the most appropriate: Doubtless Bay (Rangiawhia Range), grid reference O03 466037, 4775 ULS facing Dawson Road: ULS transmit 434.775 MHz, ULS receive 439.775 MHz Dawson Road, grid reference O04 475806, 9775 ULS facing Doubtless Bay (Rangiawhia Range): ULS transmit 439.775 MHz, ULS receive 434.775 MHz Dawson Road 6175 VLS facing Paikauri 6775: VLS transmit 146.175 MHz, VLS receive 146.775 MHz. Dawson Road 7700 VLS facing Far North 710 (Maungataureia): VLS transmit 147.700 MHz, VLS receive 147.100 MHz.

## 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. 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.

## Contests with Stan White ZL2ST:

The Oceania contests, New Zealand's prime and only international contests are almost here. Give it a go and have some contacts to help make ZL available to the world.

**PHONE: 0800 UTC Saturday 1 October to 0800 UTC Sunday 2 October**

**CW: 0800 UTC Saturday 8 October to 0800 UTC Sunday 9 October**

**Bands:** 160 m - 10 m (no WARC bands).

**Exchange:** RS(T) report plus a three or four digit number starting at 001 and incrementing by one for each contact.

### Entry Categories:

Single-Op - Single Operator, All Bands or Single Band.

Multi-One - Multiple Operator, Single Transmitter, All Bands.

Multi-Multi - Multiple Operator, Multiple Transmitter, All Bands.

SWL - Short Wave Listener (Receive Only) All Bands.

**Multiplier:** The number of different prefixes worked. The same prefix may be counted once on each band for multiplier credit.

**Contact Points:** 20 points per contact on 160 m; 10 on 80 m; 5 on 40 m; 1 on 20 m; 2 on 15 m; and 3 on 10 m. Final score is the sum of the contact points from all bands multiplied by the multiplier.

**Deadline:** Logs in cabrillo format must be emailed or postmarked NO LATER than 7 November 2005. Further information on the contest is available from the Oceania DX Contest web site at [www.oceaniadxcontest.com](http://www.oceaniadxcontest.com) and full rules are in the 2004/5 callbook.

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Order from NZART HQ at

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### **Dates To Remember:**

- **NZART Official Broadcast Sunday 25<sup>th</sup> September.**
- **Microwave Contest All Bands 614 Mhz and above. Sat 1<sup>st</sup> & Sun 2<sup>nd</sup> October.**
- **Next HQ-Info-Line Sunday E-mailed Sunday 2<sup>nd</sup> October.**

**73**

**Jim Meachen ZL2BHF**  
**Editor**



# Information for Radio Amateurs and for Candidates studying for the Amateur Radio Examination:

NZART provides the following resources **free**:

<http://www.nzart.org.nz/nzart/Exam/files/NewRules.pdf> This booklet explains New Zealand's radio regulatory environment (300kB). This is a "must-have" for every radio amateur. Download it and print it double-sided (24 pages).

<http://www.nzart.org.nz/nzart/Exam/files/questions.pdf> The examination syllabus and all 600-questions in the Amateur Radio Examination Question-bank (420kB). Download it and print it double-sided (44 pages).

<http://www.nzart.org.nz/nzart/Exam/guide.html> The New Zealand *Amateur Radio Study Guide*. View on-line, or download it (2.6MB). It covers all exam topics and all 600 questions in the question-bank.

<http://www.nzart.org.nz/nzart/Exam/> Tutorial Notes (250kB) and other information.

## The 'CallBook-On-Line':

The Ministry of Economic Development, Radio Spectrum Management's, 'SpectrumOnLine' provides a spreadsheet report which is in effect an amateur 'CallBook-On-Line' and is updated every night. It shows the ZL callsigns in current use and the name and location of licensees. After downloading and sorting into callsign sequence, the callsigns that are not yet allocated can be identified.

From enquiries received it seems this facility may not be easy to find, so try this: Go to:

<http://spectrumonline.med.govt.nz/other-reports.html>

Scroll down to the bottom of that page. Click on the 'operator' or 'repeaters and beacons' link.

Ignore what appears on the next page you see, but look for small 'XLS' and 'PDF' icons that will appear in the grey bar near the top right of that page. Click on one of these icons and download the complete file. (The 'operator' xls file with the full detailed ZL callsign listing is about 650 kB.)

(Be sure to add today's current date and the word 'operator' or 'repeaters' to the filename before downloading - otherwise your earlier downloads will be overwritten.)

Open the downloaded spreadsheet and use your spreadsheet skills to sort and to electronically search this information. The search feature makes it more useful than the printed CallBook. Surnames and street and town names can be readily searched and it is up-to-date.

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The NZART Membership Form: <http://www.nzart.org.nz/NZART/join/membershipform.pdf>

**Join NZART!** New members are welcome! Non-Transmitting members are welcome!

Purchase a **Basic Radio Training Manual** and more:

<http://www.nzart.org.nz/nzart/promo/promoting/orderform.html>

*NZART, the New Zealand Radio Amateur's organisation!*

The New Zealand Association of Radio Transmitters Incorporated: [www.nzart.org.nz/nzart](http://www.nzart.org.nz/nzart)

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(September 05)