



# Headquarters - Info - Line

... a service from ...

The New Zealand Association of  
Radio Transmitters Incorporated



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Issue #95

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:**

**Urgently required** - the **March/April issue of Break In for 2003 and Call Book 2003/2004**. It seems in my relocation last year that the issues of Break In that I had saved for binding have been misplaced. I have all issues but the above and would greatly appreciate your help in obtaining replacements for these two missing items. These books will be bound and kept in the NZART HQ library for posterity, therefore to lose a whole year because of 1 missing issue would be unspeakable. PLEASE HELP

**Apologies** – **please**, would all Branch secretaries, or members of the Association who will not be attending the AGM in New Plymouth, please advise any apologies to me, so that they will not be missed from the AGM minutes.

**Branch Delegates** - Although there are no remits to discuss at the AGM this year, I do urge all branches to send at least one delegate to ensure full discussion is held on current events within Amateur Radio. There is no better method than hearing first hand what your Association is undertaking and most importantly where members funds are being allocated. It is also an opportunity for your Branch to have a say and support other branches. Council have been elected to assist in running the Association, Branches ensure the continuance of it and Amateur Radio.

See you in New Plymouth ...Debby ZL2TDM

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## Contests with Stan White ZL2ST:

The **NZART Sangster Shield CW contest** is on 80 metres this evening 15 May (and Saturday 14 May). If you can produce 5 watts of CW or high power (above 3530 kHz) your presence in the contest will be appreciated. Exchange report /Branch No/power. eg 559/25/05 for 5 watts output (use 99 for 100 watts and up). The periods are half hourly from 0800 to 1100 UTC. See Break In, the callbook or NZART website for details.

The **VK trans/Tasman Phone contest** (Cat 1, 2 and 5) is on next Saturday 21st May 0800 UTC to 1400 UTC, (in 6 one hour stages ). Your best 5 hours count for the event. Exchange: Sequential numbers commencing at 001 (no RST) between 3.535 and 3.625 MHz. See Break In or the website <http://home.iprimus.com.au/vktasman> for details. The **VK trans/Tasman CW contest** is on 4 June. Note that the date given with the rules in March/April Break In (June 11) is incorrect.

The **CQ WPX SSB contest** for prefixes - a worldwide event is on all bands for 48 hours May 28 0000 UTC to May 29 2400 UTC.

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## NEW PLYMOUTH WIND-WAND SYMPOSIUM

The New Plymouth Amateur Radio Club invites all members of NZART to the New Plymouth Wind-Wand Symposium 2005. This includes the NZART Annual General Meeting to be held on Saturday 4th June.

**Venue:** The Quality Hotel Plymouth International.  
Courtenay Street,  
New Plymouth. Phone 0800-800-597

**Date:** Queens Birthday weekend 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> June 2005.

**Accommodation:** (**Urgent: The Touring Lions Rugby team and associated supporters arrive in New Plymouth immediately after Conference. You are advised to make your Queens Birthday bookings immediately**). The Quality Hotel Plymouth International is the booking agent for the venue and they have a variety of rooms available at the above premises and the Auto Lodge.

If you want to stay at a motor camp or somewhere else please feel free to make your own bookings. When booking please state that you are attending the *NZART Wind-Wand Symposium*.

**Transport:** Please indicate on the Registration form if you need to be met at the Airport. The maximum shuttle fare will be \$15 per person but this could be reduced depending on numbers, flights.

**Talk in station:** ZL2AB will be operating on both 720 and 705 repeaters and the National System.

**Symposium Registrations:** will be in the Hotel Foyer at the Quality Hotel Plymouth International from 5.30pm on Friday 3<sup>rd</sup> June, closing at 9.00 pm and re-opening at 7.30am on Saturday 4<sup>th</sup> June. The Registration desk area will be open during the Symposium to assist you with any requests. There will be an informal gathering on Friday evening after registration.

The **Official Opening** of the Symposium will be at 9am Saturday with local dignitaries in attendance.

The **NZART AGM** will commence at 9.30am, chaired by the President Peter Norden ZL2SJ. This meeting will finish at approximately 3pm. Afternoon tea to follow. Richard Rowntree ZL1BOK will then conduct a forum (New & Used Equipment, availability, and how to get on the air) until 5 pm.

The **Annual Dinner** will commence at 6.30pm for drinks and with the meal at 7.30pm. The evening entertainment will be provided by the "Plastic Fantastics" an all girl group that has a good song and dance routine dressed in shopping bags and has to be seen to be believed.

**AGMs and Forums** will recommence at 8.45am on Sunday; these will be AREC, (at the Taranaki Emergency Management Office), all others, OTC, SPAM, WARO, AMSAT, VHF, Contests, ARPS, Digital Modes etc, will be at the hotel.

**Mobile Rally;** is scheduled to commence at 1pm on Sunday 5th (see Registration Form). Tarry ZL2KV and Frank ZL2BR are managing this activity. There will be some differences this time with a Hidden Transmitter Hunt (on 2m) incorporated during the Rally; any HF or VHF frequencies can be used. There is also a section for Valve AM rigs manufactured or designed prior to 1960. All road rules must be obeyed and Radio Regulations complied with.

**Alternative Program:** On Saturday a bus will leave the venue at 9.30am and head to Puke Ariki Museum/Centre City shopping complex. Lunch will be at Oakura followed by a visit to the Coastal Arts and Crafts trail; returning in time for the Saturday night activities.

On Sunday a bus will leave the venue at 9.30am for Kiln Creations (paint your very own design on a plate, cup or dish). Lunch is provided in the Bell Block area. At 2pm the bus will return to a Max`s Movie Theatre, then returning in time for the Sunday night entertainment. This will consist of a Buffet Meal, with Gentleman Jim Meachen conducting a quiz to keep you on your toes.

**Car boot Sale:** For anyone interested in selling or buying equipment, we intend to have a car boot sale in the hotel car park at lunchtime on Sunday. There will be no commission or space charges. Disclaimer: the NPARC has no responsibility for any transactions.

**Optional extra:** If there is sufficient interest we can arrange a trip to the Nigel Ogle's Tawhiti Museum near Hawera. This museum is the work of one man and depicts local history and scenes from the Taranaki Wars. It is well worth a visit. Please advise the Registration Desk when you register if you choose to do this. A minimum of 25 for a bus, or you may decide to pool cars. This will be on a User Pays basis.

**Website:** See our website [www.nzart.org/nzart/](http://www.nzart.org/nzart/) and follow the links to New Plymouth Amateur Radio Club. Other web sites of interest are: [www.newplymouthnz.com](http://www.newplymouthnz.com) (for more about New Plymouth), [www.windwand.co.nz/ourwindwand\\_main.htm](http://www.windwand.co.nz/ourwindwand_main.htm) (for more pictures of the Wind Wand). For the Quality Plymouth International Hotel (the actual venue) and all its facilities, check out: [www.plymouth.co.nz](http://www.plymouth.co.nz) Bill Campbell ZL2AIB, email [zl2aib@nzart.org.nz](mailto:zl2aib@nzart.org.nz)

**A Registration Form for the New Plymouth Wind-Wand Symposium 4-5-6<sup>th</sup> June 2005 is attached to this Issue of HQIL. (See Registration form at the following link –**

**<http://www.nzart.org.nz/nzart/update/infoline/ConfRegistrationForm.pdf>**

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## National System Frequency Changes:

The project to change the operating frequencies of the National System aimed at reducing interference from LIPDs commenced on Anzac Weekend. The new frequency plan has taken hundreds of hours to check for all possible combinations of intermod products within the NS and other co-sited services. To do this required huge efforts in licence applications by FMTAG, licence processing by the MED and the on site work. Thanks to the hard worker and supporters that allowed this all to happen.

When the changeover is complete National System Repeater Transmit Frequencies will be:

<b>Auckland</b> 439.875 MHz	<b>Balclutha</b> 434.850 MHz	<b>Bay of Islands</b> 439.975 MHz
<b>Belmont</b> 439.875 MHz	<b>Blue Duck</b> 434.850 MHz	<b>Brynderwyn</b> 434.950 MHz
<b>Christchurch</b> 439.875 MHz	<b>Doubtless Bay</b> 434.900 MHz	<b>Dunedin</b> 439.925 MHz
<b>Edgecumbe</b> 439.975 MHz	<b>Egmont</b> 434.900 MHz	<b>Hamilton</b> 439.975 MHz
<b>Kaimai</b> 434.850 MHz	<b>Kapiti</b> 439.925 MHz	<b>Mount Erin</b> 434.850 MHz
<b>Murchison</b> 434.950 MHz	<b>Nelson</b> 439.925 MHz	<b>Rotorua</b> 439.925 MHz
<b>Saddle Hill</b> 434.800 MHz	<b>Wairarapa</b> 434.950 MHz	<b>Waitaki</b> 434.900 MHz
<b>Waitomo</b> 439.925 MHz	<b>Wanganui</b> 439.875 MHz	<b>Whangarei</b> 439.925 MHz
<b>Wharite</b> 439.975 MHz		

*These frequencies were also detailed in the FMTAG notes Nov/Dec 2004 Break-In.*

### Current Status of Changeover:

The current status as at noon today, Sunday 15 May is as below. Vaughan ZL1TGC has compiled this report from the National System Reflector.

**Brynderwyn** - On air and operational. Antenna fault on North side is reducing output to sites further North. Bay of Islands and Far North still to be changed to new frequencies. *Details Don Ewen ZL1DTE*

**Klondyke** - The planned re-installation of the National System equipment at the Klondyke site has been postponed for one week. Planned for today, Sunday 15th, the equipment and filters will now be re-installed next Sunday 22<sup>nd</sup> May. Further testing of the micro-controller and links after minor changes to the link switching delays is needed to ensure that the North/South receive switching and link Tx/Rx switching operates correctly. – *Details Vaughan Henderson ZL1TGC.*

**Egmont** – The equipment ready to be re-installed. The duplexers and TX/RX pair have been re-tuned and are being soak tested. Now awaiting site access. The next scheduled visit is on the 23<sup>rd</sup> or 24<sup>th</sup> May weather permitting! *Details from Steve Jepson ZL2KG, Tom Clark ZL2TDD, Doug Ingham ZL2TAR*

**Kaimai and extension to Rotorua and Edgecombe** - Planned for October 2005. Will have no connection to the National System until then.

**Wharite** - Frequency change are complete, duplexers are still to be re-tuned and re-installed on site. Saturday 21<sup>st</sup> May is the most likely day for all equipment back on site and operational. *Details from Steve Jepson ZL2KG*

**Hawkes Bay Mt Erin** – The equipment was removed from service Sunday 1<sup>st</sup> May), xtals have arrived and equipment will be returned to service during this weekend of 14/15 May. *Details from David Walker ZL2DW*

**Belmont** - Belmont 900 was switched off on the morning of Friday 6<sup>th</sup> May and switched back on as Belmont 9875 on the afternoon of Friday 6<sup>th</sup> May. The linking equipment for the Nelson direction is being repaired. *Details from Jeff Sayer ZL2TFZ, Peter Cobb ZL3TC, Doug Ingham ZL2TAR.*

**Nelson** - System conversions have all been done. 439.925 was back on the Fringe Monday the 9th May. 434.800 Saddle hill will be installed when the Belmont ULS link is reinstalled and operational. Saddle hill is a "have to fly to" site so it is prudent to have a signal from Belmont to set up on. Murchison 434.950, will be installed this week weather permitting – *Details from Dave Scott ZL2BCA*

**South Island:** Just to let everyone know that the following are operational on the new UHF National System frequencies.

**Blue Duck, North and South Port at Marley's Hill, Local Port at Marley's (Christchurch), Mt Studholm (Timaru)** – *Details from Gareth ZL3VP*

**Mt Cargill (Dunedin)** Up and running on the new frequencies – also have the south port (towards Invercargill) equipment installed but no aerial as yet – that's the next project. – *Details from Martin Balch ZL4JH*

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### **Can You Assist?**

I am a cub leader in the Burwood Scout group in Christchurch. As part of our theme "our country, our people" this term I planned to set up a station one night and try to get the cubs to talk to other cubs, or scouts, maybe in Auckland, or at least as far away as possible in NZ. I wondered if any other ham would be interested in setting up another cub/scout group to be "the other end". The date we have provisionally booked is Wednesday 22nd June but we could try another night of that week. This sounds like a micro JOTA and, yes, it is! A one night stand. Contact details here [kb.ew@xtra.co.nz](mailto:kb.ew@xtra.co.nz)  
Thanks Kelvin ZL3KB.

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### **VK - Special Event Station AX3ITU:**

On Tuesday the 17th of May it's World Telecommunications Day and an Australian special event station will celebrate the occasion. A team of Amateur Radio Victoria members will activate the AX3ITU callsign.

Amateur Radio Victoria aims to have AX3ITU on air virtually the entire 24 hours UTC for the 140th birthday of the International Telecommunications Union. It will be available on CW, Phone, PSK31, amateur satellite and ATV during the day.

Peter Forbes VK3QI, Lindsay Lawless VK3ANJ and Dale Whatley VK3YR will concentrate on CW on the 40, 30 and 20 metre bands. Phone operation will be on the 80, 40 and 20 metre bands, while PSK31 is to set for 80 and 40 metres.

ATV operation on the Melbourne repeater VK3RTV will occur 7.30pm to 9.30pm, with vision of a QSL-type display card plus the ATV liaison frequency 147.4MHz thanks for Peter Cossins VK3BFG. It will also appear on at least one amateur satellite pass through the efforts of Noel Ferguson VK3FL. AX3ITU has been active annually for most of the past two decades.

A commemorative QSL card will be available. QSL information is direct to VK3WI QTHR or via the bureau.

## Branch News from Otago:

**Otago Daily Times announces success in Qantas Media Awards 2004** – Congratulations to Stephen Jaqiry ZL4WAQ as Illustrations Editor of the Otago Daily Times for his success at these awards. Stephen was named senior photographer of the year for his portfolio. He also won awards for best single picture and for best breaking news picture, both with his photograph of a house fire on Otago Peninsula. See <http://www.qsl.net/zl4aa/> and click club news.

**Amateur Radio - South of the Waitaki** - Jim Sullivan of National Radio will be interviewing Alan Gilchrist ZLPZ relating to Alan's Amateur Radio History CD, "Amateur Radio - South of the Waitaki" on *National Radio on Sunday evening 22<sup>nd</sup> May between 9pm and 10pm*. The interview was to be 'aired' before Christmas last year but for one reason or another it was postponed.

## FMTAG NOTES FOR MAY 2005:

**INTERIM RECOMMENDATIONS TO NZART COUNCIL - Branch 08 Eastern Southland** has applied for a National System repeater, to be located at Mount Stuart, grid reference H45 601541. We have selected 485, being a repeater transmit frequency of 434.850 MHz and a repeater receive frequency of 439.850 MHz, as being the most appropriate.

**Branch 30 Otago** has applied for a National System UHF Link Station (ULS), in association with the above application, to be located at Mount Cargill, grid reference I44 198855. We have selected 985, being a transmit frequency of 439.850 MHz and a receive frequency of 434.850 MHz, as being the most appropriate.

**Branch 46 Wairarapa** has applied for an "inverted" 70 cm voice repeater, to be located at Pariwhariki, grid reference T27 389077. We have selected 3825, being a repeater transmit frequency of 433.825 MHz and a repeater receive frequency of 438.825 MHz, as being the most appropriate.

**Branch 48 Wanganui** has applied for a National System repeater, to be located at Landguard, grid reference R22 830367. We have selected 9875, being a repeater transmit frequency of 439.875 MHz and a repeater receive frequency of 434.875 MHz, as being the most appropriate. The associated UHF Link Station (ULS) to/from Mount Egmont will be on 990, being a transmit frequency of 439.900 MHz and a receive frequency of 434.900 MHz.

**Branch 63 Upper Hutt** has applied to move its 9625 voice repeater, from the club rooms to Akatarawa, grid reference R26 891136. An engineering analysis shows that the existing frequency, being a repeater transmit frequency of 439.625 MHz and a repeater receive frequency of 434.625 MHz, can continue to be used at the new site.

**Branch 66 Auckland VHF Group** has applied for a frequency change for its 845 voice repeater located at Klondyke, grid reference R13 705258. We have selected 975, being a repeater transmit frequency of 439.750 MHz and a repeater receive frequency of 434.750 MHz, as being the most appropriate.

Branch 69 Kapiti has applied to change the location of its 535 voice and data repeater by a few hundred metres to grid reference R26 875374. An engineering analysis shows that the existing frequency, being a repeater transmit frequency of 145.350 MHz and a repeater receive frequency of 144.750 MHz, can continue to be used at the new site.

**FINAL RECOMMENDATIONS TO COUNCIL - Branch 28 Whangarei** has applied for a 2 metre data repeater, to be located at Parahaki, grid reference Q07 318089. We have selected 5425, being a repeater transmit frequency of 145.425 MHz and a repeater receive frequency of 144.825 MHz, as being the most appropriate.

**Branch 60 Taupo** has applied for a 2 metre Short Term Special Purpose (STSP) FM voice repeater, to be stored at the clubrooms, grid reference U18 790759. We have selected 6875, being a repeater transmit frequency of 146.875 MHz and a repeater receive frequency of 146.275 MHz, as being the most appropriate.

**Branch 74 Wellington VHF** has applied to increase the output power of the Belmont ATV repeater transmitter on 615.25 MHz (Channel 39) to 500 Watts PEP, the maximum permitted under the new licence conditions, which came into effect on the 17th of June 2004. All its other characteristics remain unaltered.

**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.

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### **Dates To Remember:**

- **NZART Official Broadcast Sunday 29<sup>th</sup> May**
- **NZART Wind-Wand Symposium 4<sup>th</sup>, 5<sup>th</sup> and 6th June.**
- **NZART Conference Official Broadcast 8pm Sunday 5<sup>th</sup> June**
- **Next HQ-Info-Line Sunday 12<sup>th</sup> June.**

73

**Jim Meachen ZL2BHF**

**Editor**