

NZART Headquarters Infoline Issue 160 04 MAY 2008

Greetings Everyone

Welcome to Headquarters-Infoline a twice-monthly bulletin of news from NZART Headquarters e-mailed directly to Branches and to others that subscribe through the NZART Web Site. This bulletin is also distributed on the amateur radio packet network.

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OFFICIAL BROADCAST THIS MONTH IS ON SUNDAY 25 MAY 2008 NEXT InfoLiine IS TO BE E-MAILED ON SUNDAY 18 MAY 2008

From The NZART Business Manager Debby ZL2TDM Debby says...

Are you sure you have paid your subscription...? Having recently sent out reminder notices, I have since received back quite a number of people who have queried that they already have paid.

In some instances, the payment has been received and not recorded correctly, however in the majority of cases, it hasn't. Before you send me letters phone calls or e-mails, I would be grateful if you could confirm the payment has been deducted from your account and if so on what date.

This will save the Association and me time and money having to review an entire months banking in order to confirm payment. Believe if or not I do make mistakes, but alas can't we all.

Furthermore for those of you who are quite definite they have paid - I urge you to look also before you make accusations that my accounting practices need to improve.

IARU Officer's Annual Report... The IARU Officer's annual report is attached to this issue of HQ Info-line. Regrettably it was not available prior to the closing date for Break In last month. I do know that some members are keen to learn about the upcoming triennial IARU Region 3 Conference to be held in Christchurch next year. **Apologies and Proxy Votes at the AGM...** A reminder, anyone wishing to place an apology at the AGM in Dunedin, please advise me soon. Also any branches who wish to have a proxy representative forward me your branches voting results and I will arrange one at conference for you.

Talk soon...Debby ZL2TDM

Report on Meeting of NZART ALO with NZ Administration MED

Notes of Meeting held on Wednesday 9 April between Wayne Wedderspoon, MED (Ministry of Economic Development) and Don Wallace, NZART Administration Liaison Officer (ALO)

Digital Broadcasting Review of Regulation

Wayne noted that this review is currently underway and, while it is primarily aimed at broadcasting, there is potential for impact on the amateur service and suggested that NZART study the paper and submissions.

ZLxExxx (ex AREC) Callsigns

Don noted that the intention to reserve these callsigns was not included in the current (March 2008) version of PIB46.

Wayne suggested that the best way forward was for NZART to recommend an amendment to PIB46 to cover these callsigns.

Amateur Allocation at 500 kHz

Don noted that the ITU-R is currently considering an international allocation to amateurs of part of the old 500 kHz distress frequency band and that some NZ amateurs had already requested an allocation. Wayne noted that it was likely to be some time before an international allocation would be available but that NZART might consider applying (to Radio Spectrum Policy and Planning) for a temporary interim allocation on a non-interference basis under footnote 4 of the Schedule of the GURL.

ZK2 and ZK 3 Callsigns

Don asked whether there was any update as to whether Niue and Tokelau are using the (New Zealand) ZK2 and ZK3 callsign series.

Wayne said that they had made an informal approach but had not received a reply from either Niue and Tokelau. At some point Niue and Tokelau may wish follow the Cook Islands lead with an ITU series outside ZK, ZL and ZM and that would be an appropriate time to review the allocations. He also said that MED records of the allocation history of many callsign series, particularly ZK2 and ZK3, are fairly sparse and any historical documentation that NZART members could point to would be helpful..

KiwiSAT

Don noted that Terry Carrel is working directly with Alex Orange on the registration of this satellite with the ITU.

Wayne said that while NZ (i.e. the MED) will handle the registration of the satellite with the ITU, it will not licence it. Apparently, different countries take different approaches to the licensing of satellites. In general, satellites providing services into New Zealand (of which there are many) are not licensed. Licences are granted, however, to protect commercial satellite reception at specified locations from terrestrial fixed services.

SSB on 10 MHz

Don noted that an NZART member had stated that Australian amateurs were using SSB on their 10 MHz and had raised a question as to whether New Zealand and/or Australian amateurs should be using SSB in this allocation.

Wayne responded that the amateur licence only specified that amateurs must comply with the latest ITU-R recommendations (See Notice 5 (6) to the GURL) but, as far as he was aware, these did not specify the mode to be used on this band. He saw this as an NZART band-planning rather than an MED issue.

Entry Level Licence

Don noted that NZART is looking at the possibility of introducing an entry level amateur licence to NZ similar to those in the UK and Australia and asked what the MED's attitude would be to a request for such a licence in NZ. Don also left a copy of the Australian manual with Wayne so he could see how the system operates there.

Wayne replied that the Foundation Licence concept in both the UK and Australia appeared to have been very successful. He thought that such a request would be received positively but would need to be carefully differentiated from the (cancelled) novice licence. He noted that this would probably require:

* amendments to Schedule 4 of the Radiocommunications regulations to accommodate the new certificate and its syllabus (not likely before next year);

* amendments to the GURL to add the additional certificate and to state which frequencies are to be used (relatively simple to implement);

* a new range of callsigns in PIB46 (relatively simple to implement);

* an additional licence class in SMART for Approved Radio Examiners to issue (relatively simple to implement);

Repeater Fees

Don noted that various NZART members had been enquiring about mechanisms available to relieve NZART branches of the charges associated with repeater licensing.

Wayne said that he is fully aware of the ongoing issue. MED is not against reducing or eliminating repeater licensing fees, but there are equity issues with other voluntary public good spectrum users and Treasury rules require that there be no cross-subsidisation between different classes of users (including between operators and repeaters etc). The effect of this is that the costs associated with licensing repeaters have to be met - either by the licensees of the installations concerned or by some other funding mechanism - but not other licensees.

Single Letter Callsigns

Don asked for feedback on the latest draft of the paper on single letter callsigns.

Wayne said that the proposal made sense but that minor changes were needed in the following areas:

* As NZART is not the only potential approved radio examiner (ARX) for amateurs, the present references to NZART ARXs need to be changed to Amateur ARXs;

* For the same reason, the reallocation rules need to be clear so that that both NZART and non-NZART ARXs will interpret them in the same way

* The rules need to clearly state which callsign series (e.g. ZL1 - 4, ZL 5, etc) are covered by the proposed rule change.

Don Wallace ZL2TLL NZART Administration Liaison Officer

Report to NZART Council from the IARU Overseas Liaison Committee

The past year has been a busy one for the committee with preparations for WRC-07 and coordination within IARU. Other organisational matters, outlined below, have also occupied committee members as preparations begin for the next IARU Region-3 Association conference in 2009. Being midway between these triennial events, the committee is committed to identifying matters which may require addressing in 2009 and monitoring the activities at the conference of the other two IARU regional associations.

At Bangalore in August 2006, NZART successfully bid to host the 14th Triennial IARU Region-3 Association Conference in New Zealand, October 2009. This is a conference of Delegates and hosting it in New Zealand is both a privilege, and considerable cost saving to the Association in overseas travel.

The Conference expenses are met by the IARU Region-3 Association with the expenses of NZART being confined to the cost of our own delegate's attendance, some minor incidentals and hosting a reception for those attending. Sponsorship is being sought to further minimise these costs.

On behalf of NZART Council, the Liaison Committee has booked the Scenic Circle's Cotswold Hotel, Papanui Road, Christchurch as the venue for the Conference. The hotel has generously made additional facilities available to the conference at no extra cost. A committee is being formed to handle the details of registration, finances, services and partner activities. Further details will appear in Break In as arrangements are finalised.

Unlike an NZART Conference, attendance is by registration only and is restricted to the representative of the Member Societies, IARU Officials and invited officials. Some 100 delegates and observers (including partners) are expected to attend representing the wide range of countries whose member Societies make up our Region-3 Association. Representatives are also expected from the IARU Secretariat, IARU Region-1 and IARU region-2.

Our Administration, the MED invited NZART to participate in the NZL team attending WRC-07. Peter Lake ZL2AZ, accepted this task and attended the meeting as a member of the MED delegation. Full coverage of this important meeting has been comprehensively reported on by Peter.

NZART records it thanks to Peter for his outstanding work and commitment both to NZART and the IARU Region-3.

ZL2SJ Peter Norden has been appointed the NZART coordinator in the Amateur Radio on the International Space Station (ARISS) program. ARISS is a volunteer program which aims to inspires students, worldwide, to pursue careers in science, technology, engineering and math through amateur radio communications opportunities with the International Space Station (ISS) on-orbit crew.

John Lochhead, ZL4QS, IARU Liaison Officer

IARU Region 3 is 40 Years Old

Extracted From IARU Region 3 Newsletter Issue 9

This month marks the 40th anniversary of the formation of Region 3 and we have some details available on how the region has progressed.

IARU Region 3 was formed in 1968 at its Inaugural meeting, held in conjunction with the 1968 Federal Convention of the WIA.

Those present at this meeting were Harry Burton ZL2APC from Wellington, New Zealand, as well as Tom Clarkson ZL2AZ, also from Wellington, New Zealand. Then, from Newton, Iowa, USA was Bob Denniston W0DX, the President of the IARU. From Manila, Philippines was Emilio Asisitores DU1EA, and from Tokyo, Japan Kan Mizoguchi JA1BK and Ken-ichi Kajii JA1FG. So, the societies represented at the Inaugural Congress were JARL, NZART, PARS (PARA) and the WIA and, of the course, the IARU.

As we celebrate the 40 years of IARU Region 3 we salute those who had the wisdom to bring Region 3 into existence, all those years ago in Sydney, Australia.

Region 3 Societies Conferences Over The Past 40 Years And Participating Societies

1st. 1968 Sydney, April 14 "IARU Region III Association formed" Present - JARL, NZART, PARS (PARA), WIA. IARU (President W0DX) Apology: Ceylon, India, Korea, Laos, Thailand

2nd. 1971 Tokyo, March 17-19 & 21 (6 Societies) "Constitution approved" Present - ARSI, HARTS, JARL, NZART, PARA, WIA. ARRL (invited by proxy to NZART) and IARU (President W0DX).

3rd. 1975 Hong Kong, March 4-8 (6 Societies) ARRL (W1RU), HARTS, JARL, NZART, SARTS, WIA. RAST(Observer), IARU (VE3CJ) and VS5MC (Brunei)

4th. 1978 Bangkok, October 7-9 (9 Societies) ARRL, HARTS, JARL, MARTS, NZART, PARA, RAST, SARTS, WIA. ORARI (Observer)

5th. 1982 Manila, April 2-5 (12 Societies + 2 Proxies) ARRL, ARSI, HARTS, JARL, MARTS, NZART, ORARI, PARA, RAST, RSGB, SARTS, WIA. Proxies: FARA /NZART, SIRS/RSGB.

6th. 1985 Auckland, November 13-17 (10 Societies + 5 Proxies) ARRL, CRSA, JARL, KARL, MARTS, NZART, ORARI, PNGARS, RSGB, WIA. Proxies: PARS/JARL, PARA/NZART, HARTS/ORARI, BARL/RSGB, SARTS/WIA

7th. 1988 Seoul, October 10-14 (11 Societies + 3 Proxies) ARRL, CRSA, JARL, KARL, MARTS, NZART, ORARI, RAST, RSGB, SARTS, WIA. Proxies: PARA/ARRL, PARS/JARL, SIRS/WIA

8th. 1991, Bandung, October 8-12 (14 Societies + 4 Proxies) "Name changed to IARU Region 3" ARRL, BARL, CRSA, JARL, KARL, MARTS, NZART, ORARI, PARA, RAST, RSGB, RSSL, SARTS, WIA. Proxies: ARCOT/JARL, BDARA/ORARI, HARTS/RSGB, SIRS /WIA

9th. 1994 Singapore, August 5-9 (18 Societies + 3 Proxies) ARRL, ARSI, BARL, CRSA, CTARL, HARTS, JARL, KARL, MARTS, NZART, ORARI, PARA, PARS, RAST, RSGB, RSSL, SARTS, WIA. Proxies: ARCOT/JARL, FARA/NZART, SIRS/WIA

10th. 1997 Beijing, August 8-12 (16 Societies + 4 Proxies) ARRL, ARSI, BARL, CRSA, CTARL, HARTS, JARL, KARL, MARTS, NZART, ORARI, PARA, RAST, RSGB, SARTS, WIA. Proxies: ARCOT/JARL, FARA/NZART, RSSL/SARTS, SIRS/WIA. VARC (observer)

11th. 2000 Darwin, August 28-September 1 (13 Societies + 4 Proxies) ARRL, ARSI, CRSA, CTARL, HARTS, JARL, KARL, MARTS, NZART, RAST, RSGB, SARTS, WIA. Proxy: ARCOT/JARL, PARA/NZART, BARL/RAST, RSSL/9V1UV(agreed by Conf)

12th. 2004 Taipei, February 16-20 (16 Societies + 8 Proxies) ARM, ARRL, ARSI, CRSA, CTARL, FARA, HARTS, JARL, KARL, MARTS, NZART, PARA, PIARA, RAST, SARTS, WIA. Proxy: ARANC/PIARA, ARCOT/FARA, BARL/WIA, ORARI/NZART, PARS/SARTS, RSGB/G4JKS, RSSL/ARSI, VARC/JARL

13th. 2006 Bangalore, August 7-11 (13 Societies + 5 Proxies) ARSI, ARRL, CTARL, HARTS, JARL, KARL, MARTS, NZART, PIARA, RAST, RSGB, SARTS, WIA. Proxy: ARANC/PIARA, ARM/HARTS, ORARI/SARTS, PARA/ARSI, VARC/JARL

The 14th IARU R3 Conference is to be held in Christchurch New Zealand, on 12 to 16 October 2009. Details can be found at http://www.christchurch.org.nz/

MS Word version of the IARU Region 3 newsletter is available at:http://www.jarl.or.jp/iaru-r3/news/r3nl-08-04.doc

Extracted From The IARU Region 3 Newsletter Issue 9 - January to March 2008, Released April 2008:http://www.jarl.or.jp/iaru-r3/

WHANGAREI AMATEUR RADIO CLUB INC

P0 Box 10-078 Te Mai Whangarei NOTICE USED EQUIPMENT SALE SATURDAY 26thJULY 2008

To our neighbouring clubs We welcome one & all to our annual sale Vendors as they arrive Purchasers 10.30 am Tables \$10.00 bookings to Allan Walker ZL1AW E-mail <u>abwalker@atrix.co.nz</u> phone 09 435 1413

Conditions of sale

1. Any thing offered on behalf of our club is on as "As is where is" and no refunds or returns will be granted.

2. Any items not sold must be removed by the vendors; this also applies to any rubbish.

3. No monochrome computer or old obsolete printers etc

Light refreshments! Sausage sizzle! Raffles including meat packs!

Auckland VHF Group will he in attendance with a sales table!

EXCHANGE YOUR CHANGE \$\$\$ FOR SOME THING USEFUL!

See you there! Remember 26th April 2008

Whangarei Amateur Radio club rooms Museum & Heritage Park St-Hwy 14, Whangarei

In fairness to purchasers no sales will be allowed before 10.30 am when the doors are opened.

Contacts: President Charlie Moates ZL1DAC <u>zl1dac@nzart.org.nz</u> <u>Dbara 00 404 7000</u>

Phone 09 434 7292 ed Secretary Trevor Gould ZL1KAG <u>zl1kag@nzart.org.nz</u> Phone 09 439 1747

Signed Trevor Gould ZL1KAG

Secretary Br 28

Most Wanted World Wide 2007

2007			2006
#	PREFIX	COUNTRY	#
1	Р5	NORTH KOREA	3
2	70	YEMEN	4
3	KP1	NAVASSA	5
4	FR/G	GLORIOSO	6
5	3Y/B	BOUVET	7
6	ZS8	MARION ISLAND	9
7	KP5	DESECHEO	8
8	BS7H	SCARBOROUGH	1
9	FT8W	CROZET	11
10	VKØ/H	HEARD ISLAND	10

Out and About

Atom-Thick Transistors

Scientists have made the world's thinnest ever transistors. These are the devices that switch current on and off in all electronic equipment. At their very smallest, the new transistors are just one atom thick and ten atoms wide. They're made of a material called graphene, which is made by joining carbon atoms together, forming a flat sheet.

The tiny transistors may herald a new breed of computer chips smaller and faster than our current ones based on silicon. However, it is too early to promise graphene supercomputers, as no existing technology allows the cutting materials with true nanometre (0.000 000 001 m) precision. But this is exactly the same challenge that all post-silicon electronics has to face. At least we now have a material that can meet such a challenge.

Extracted From The Naked Scientists Science News found at:http://www.thenakedscientists.com/HTML/content/news/news/1358/

=== D-Star

D-Star - a new technology, which integrates radio and the internet digitally giving outstanding transmission quality. is progressing very fast in Australia and elsewhere.

It is also rapidly being integrated into emergency communications protocol in several countries. The Winlink team is also looking at ways to use its very special capabilities in its programs, which provide essential communications to seafaring hams, and also is a great emergency communication tool when normal communications fail.

Extracted From The IARU Region 3 Newsletter Issue 9 - January to March 2008, Released April 2008:http://www.jarl.or.jp/iaru-r3/

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Australia Issues Class Licence For Visiting Amateurs

The Wireless Institute of Australia advises that on 14 February 2008 a Class Licence issued by the Australian regulator, the Australian Communications and Media Authority (ACMA), allowing visiting amateurs to operate while in Australia came into effect.

The Class Licence is issued under the Australian Radiocommunication Legislation, and allows any overseas amateur visiting Australia to operate for up to 90 days after each entry to Australia. A visiting amateur does not have to make any application or payment to operate, but must hold evidence of a licence or qualification recognized by ACMA and a call sign issued by the administration that issued the licence or qualification.

The Class Licence may be found on the WIA's website www.wia.org.au.

The level of operation, which range from the privileges and bands allowed to the Australian Advanced licence to a 146 to 148 MHz low power FM licence (essentially for hand held operation), depends on the level of the overseas licence.

Overseas licences and the equivalent level are set out in the Table of Equivalent Qualifications and Licences, which can be found on the ACMA's website. The URL for the part of the ACMA site 'Apparatus Licensing Amateurs Visiting Australia' that includes the table is:

http://www.acma.gov.au/WEB/STANDARD/pc=PC 1311.

The WIA is delighted that all visiting amateurs will now find it so easy to operate in Australia. Extracted From The IARU Region 3 Newsletter Issue 9 - January to March 2008, Released April 2008:http://www.jarl.or.jp/iaru-r3/

Contest News **VHF-UHF CONTEST NOTES** THE NEXT CONTESTS

The next contest is the Hibernation Contest, 50 MHz and above, on Saturday the 7th and Sunday the 8th of June 2008, the weekend following NZART Conference. The operating times are: Saturday 1700 to 2300 NZT and Sunday 0700 to 1300 NZT.

The following contest is the Brass Monkey Contest, 50 MHz to 440 MHz, on Saturday the 2nd and Sunday the 3rd of August 2008. 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>

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

zl2wa@clear.net.nz

or:

Contest Manager, Wellington VHF Group, PO Box 12-259, Thorndon, Wellington

HF Contests

2008 VK/Trans-Tasman Contests details maybe found at: http://www.nzart.org.nz/contests/

FORTHCOMING NZART CONTESTS SANGSTER SHIELD QRP CW CONTESTS

When :- Saturday, 17th May 2008 and Sunday, 18th May 2008

Time :- 2000 NZST until 2300 NZST each evening

Band :- 80m

Mode :- CW only

Refer to NZART 2006/7 Callbook, Page 5-4, or NZART Website -

http://www.nzart.org.nz/contests/

for update Contest Operating Information.

NZART's oldest Contest established in 1927 to reward the excellence of efficiency of low power operation. This is a friendly contest and your support would be most welcome - don't be put of by it being a CW only activity, most operators will adjust their CW sending speeds to match those of your speed. Give it a go, you never will now the mysteries of CW contesting until you try it.

FORTHCOMING NZART CONTESTS 2008 NZART MEMORIAL CONTEST

When :- Saturday, 5th July and Sunday 6th July.

Time '-2000 NZST until 2300 NZST each evening.

Modes :- CW and SSB

Refer to NZART 2006/7 Callbook, Pages 5-4 and 5-5, or NZART Website -

www.nzart.org.nz/contests/

for Contest Rules and updated Contest Opertating Information.

Logs to be forwarded to myself, ZL1BHQ - NZART Callbook address OK - by 7th August 2008.

The Memorial Contest was established post World War II to commemorate ZL and other Hams who lost their lives in the Second World War in the service of their country. A Contest that caters for all Amateur Radio HF activity interests.

2008 VK/TRANS-TASMAN CONTEST

When :- 80m Phone -10 May 2008 80m CW -24 May 2008 160m Phone -5 July 2008 160m CW -19 July 2008

Times :- 0800 UTC to 1400 UTC each evening.

Contest rules and operating information is available from the Contest Website :- <u>http://home.iprimus.com.au/vktasman\</u>

However, the WIA also covers in detail this contest and their website appears more user friendly for accessing the contest information and requisite downloads :- http://www.wia.org.au.

INTERNATIONAL LIGHTHOUSE / LIGHTSHIP WEEKEND

This highly popular annual amateur radio event (not a contest) will be held over the weekend of 16-17 August 2008. There were 380 lights on the air from 48 countries last year. All you need to know about the event is contained on the official web site at http://illw.net which has been the official web site since 2001. The event is organized and managed by the Ayr Amateur Radio Group in Scotland since the passing of the founder of the weekend, Mike Dalrymple, GM4SUC, in December 2005.

Extracted From The IARU Region 3 Newsletter Issue 9 - January to March 2008, Released April 2008:http://www.jarl.or.jp/iaru-r3/

Break-In and Infoline Information

Break-In Closing Date Reminders

1. From the Editor Break-In, Official Journal of NZART Inc.

"Copy for the MAY/JUNE issue of Break-In closes on 10th MAY 2008. Early receipt of copy is much appreciated. Thanks. John ZL3IB, Editor"

2. COPY FOR THE AREC BREAK-IN COLUMN

The close-of-copy date is the 3rd of MAY for articles for publication in the AREC COLUMN OF BREAK-IN. Photos, if available, to be on a separate floppy or CD (with captions), posted DIRECTLY TO US Call Book address. All other material can go to e-mail: <u>zl3qr@nzart.org.nz</u> or <u>zl3ov@nzart.org.nz</u>. Regards, Geoff ZL3QR

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Auto-Subscription and Un-Subscribe

To Subscribe: It has never been easier to subscribe to the Infoline distribution list and have Infoline sent to you direct by e-mail. Just check into the NZART web page:

http://www.nzart.org.nz/nzart/Lists/index.html of the NZART Web.

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.

To Un-subscribe: Send an e-mail message from the subscribed e-mail address to <u>imailsrv@nzart.org.nz</u> with the following WORDS in the body of the message: unsubscribe Infoline.

PLEASE NOTE the above UN-SUBSCRIBE INSTRUCTIONS will only work if you send the UN-SUBSCRIBE MESSAGE from your ORIGINAL SUBSCRIBING E-MAIL ADDRESS. Send an e-mail to the address shown at the end of this newsletter if you are having difficulties.

Dates for Official Broadcast (OB) and Head Quarter's Infoline (Infoline)

OB at 8pm Sunday: 2008 May-25 Jun-01-29 Jul-27 Aug-31 Sep-28 Oct-26 Nov-30 Dec-21

* NZART Official Broadcast Sunday 25 MAY 2008 * and * Next Infoline e-mailed on Sunday 18 MAY 2008 *

Infoline on Sunday: 2008 May-04-18 Jun-08-22 Jul-06-20 Aug-03-17 Sep-07-21 Oct-05-19 Nov-09-23 Dec-07-21

Regards, Jamie Pye ZL2NN, Editor zl2nn@nzart.org.nz