



Headquarters - Info - Line

... a service from ...

The New Zealand Association of
Radio Transmitters Incorporated



16 March 2003

Issue #49

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.

NZART Business Manager Debby ZL2TDM Says:

Remits - Four remits have been forwarded for discussion at the upcoming Annual General Meeting in Masterton in June. **These are attached to this issue of Info Line.** They will also be in the next publication of Break In due out at the beginning of April.

April Branch Circular - I will be sending out a Branch circular in April. If you have anything you would like to include, could you please send it to me either by post or electronically by 15th April.

Award Submissions for Conference - Branches are reminded to please forward their nominations for Young Amateur of the Year Award. Sponsorship for this award is available from Com-Centre, however in recent years no names have come forward, therefore the award has not been presented.

If you also would like Council to consider names for the Youth Achievement Award and Amateur of the year, please submit to me prior to the end of April.

NZART Banner/Flag - Having received a number of requests for this item, I now have available for purchase an NZART Banner. This has been produced on black satin with white logo and fringe. They are 32cm long and 19cm in width and would look very attractive in branches, shacks caravans etc. The cost per flag is \$8. Ordering is the same as per any other bookshop item.


CUL8R

From the Ministry of Economic Development:

Amateur Statistics as at 3rd March 2003:

Beacons	42	Repeaters	212	Digipeaters	29
Fixed	2	General	3267	Limited	1598
Novice	16	TV Repeaters	19		

Total 5185



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Be come a
RADIO AMATEUR!
How is it as easy for us
AM AT SUR RAZVOJenice ...

CONTESTS with Stan ZL2ST:

Future Contests:

March 15/16 0100-0059 UTC (Sat/Sun) John Moyle Memorial Field Day(Australia)

March 15/17 0200-0200 UTC (Sat/Mon) BARTG Spring RTTY Contest

March 15/16 1200-1200 UTC (Sat/Sun) Russian CW/SSB Contest

March 15/16 1200-1200 UTC (Sat/Sun) DARC HF SSTV Contest

March 29/30 0000-2400 UTC (Sat/Sun) CQ Worldwide WPX (Prefix)SSB Contest

April 5/6 0700-1000 UTC (Sat/Sun) Thelma Souper Memorial Contest (NZART)
see Jan/Feb Break In.

April 5/6 1500-1500 UTC (Sat/Sun) SP (Poland) CW/SSB Contest

April 5/6 1600-1600 UTC (Sat/Sun) EA (Spain) Worldwide RTTY contest

BRANCH SPOT:

The Far North Districts Amateur Radio Club, Branch 78 NZART, has decided to return to their original Branch net after trialing an experimental combined net with the Bay of Islands Amateur Radio Club. At Branch 78's AGM held on 9th of March it was moved that the weekly net be held on Mondays at 1900hrs on 147.100

Report from Eric ZL1GE

DID YOU KNOW:

That after negotiations in 1990 between the NZART Frequency Management and Technical Advisory Group (FMTAG) and the New Zealand administration, the band 922 to 927 MHz became available to New Zealand radio amateurs.

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

Technology Convention, Hamilton, Easter 2003:

This Easter, April 19th & 20th 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.

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.

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



Home of ZL6B New Zealand's International NCDX/IARU beacon

NZART Annual Conference Masterton

Queen's Birthday Weekend – 31st. May / 1st. June

The NZART Conference 2003 will be held in Masterton at the Copthorne Hotel, Solway Park, on High Street, Masterton. All Conference functions will take place in this one venue, all under one roof, with excellent facilities and space for meetings, displays, social events etc. There is plenty of parking space on site and the complex is easily located on the southern entry road to Masterton

Provisional Programme

The main programme will follow the usual format, NZART AGM, and AGM's AREC, AMSAT, OTC, SPAM,WARO, together with forums for DX, IRLP, APRS, etc.

Guest Speaker

The keynote speaker will be Dr. Warren Tucker, a Wairarapa resident who is presently the Colonel Commandant of the Royal New Zealand Corps of Signals and has considerable experience in and with government communications.

Friday

Registration will commence on Friday 30th May at the Copthorne Hotel reception area between 3 and 9 p.m. Refreshment facilities will be available also to allow opportunity for informal gatherings and gossiping.

Talk-in Station

On the local 680 repeater

Saturday

Registration facilities will open at 7:30 a.m., and the Conference will be opened at 9 a.m., by his worship the mayor of Masterton, Mr. R. C. Francis. The annual dinner and social will take place, again in the Copthorne Hotel, this evening at 7 p.m., for pre-dinner drinks followed by dinner at 7:30 p.m.

Sunday

The Sunday programme will include both the various section AGM's and also a range of sectional interest forums.

Alternative Programme

Saturday

This will include shopping in Masterton together with the opportunity to visit the Transport Museum, Aratoi Museum and Art Gallery or the local Genealogy Society, all close to Queen Street, the main street of Masterton. Also close by is the Queen Elizabeth Park and gardens, aviary and deer park. Saturday afternoon will include a short visit to Carterton with it's Paua Shell Factory and other places of interest along the way.

Social Programme

Saturday

The Conference dinner will include live entertainment

Monday

Other attractions, activities and visits can be arranged where there is sufficient interest advised.

Accommodation

Accommodation has been arranged with an attractive special **room rate** at the Copthorne Hotel and you can check this at www.solway.co.nz and bookings can be made by calling 0800 SOLWAY (267845). However if you choose to book your accommodation you must quote the booking **number 62850**. For those attending the Conference and using their motor homes for their accommodation, sites are available at the nearby Solway A&P showgrounds at a cost of \$12.00 per night with electric power or \$8.00 without power.

Conference Award

A NZART Conference 2003 Award has been arranged.

Conclusion

It is fervently hoped that you will join us for this Queen's Birthday weekend and make Conference 2003 a memorable experience. Should you require any further information please contact the Conference Secretary, Ian Stewart, ZL2TIS at zl2tis@contact.net.nz or PO Box 860 Masterton.

**CONFERENCE REGISTRATION FORMS WILL BE IN APRIL/MAY
BREAK-IN AND A FUTURE ISSUE OF HQ-INFO-LINE**

Dates To Remember:

- **Next NZART Official Broadcast Sunday 30th March**
- **Next HQ-Info-Line e-mailed on Sunday 6th April**
- **Technology Convention 2003 in Hamilton 19th & 20th April**
- **NZART Conference 2003 Solway Park, Masterton Queen's Birthday Weekend.**

73

Jim Meachen ZL2BHF

Editor

Christchurch Branch 05 REMIT FOR 2003 AGM (Transmitting)

Remit 1

That the HF Bandplan for New Zealand, (as published in the 2002/2003 Callbook), be amended to restrict operation on frequencies between 1800 kHz and 1840 kHz in the 160 m band, to CW or modes occupying less than 1 kHz bandwidth.

Explanation:

- 1) The current Bandplan allows all modes occupying less than 6 kHz bandwidth in the segment 1800 kHz to 1840 kHz, except for 1810 kHz to 1815 kHz, which is reserved for data/packet transmissions with a bandwidth less than 2 kHz. The IARU Bandplan for all regions, including region 3, reserves 1800 kHz to 1840 kHz for narrowband modes occupying less than 1 kHz. The NZ Bandplan therefore, does not follow the IARU guidelines in this regard.
- 2) For those interested in 160 m DX and propagation studies, reserving the spectrum below 1840 kHz for CW is of the utmost importance, since signals arriving from other continents are usually weak, and cannot be copied in the presence of wideband interference. The problem is especially severe in city areas, where many amateurs live within a relatively small area, as the amplitude of interfering close proximity SSB signals is quite large. Restricting SSB transmissions to the part of the band above 1840 kHz will have little or no impact on 160 m SSB operators, as they already have a large part of the band available for their use.

Christchurch Branch 05 REMIT FOR 2003 AGM (Regulatory)

Remit 2

That NZART lobby the NZ Government to introduce restrictions on imported electronic commercial goods, such that they have to meet the EMC susceptibility requirements of IEC standards EN 61000-4-3 and EN 61000-4-6.

Explanation:

Currently there are no EMC susceptibility requirements for imported electronic equipment. This situation causes problems in communities where radio amateurs live in close proximity to their neighbours, as many items are wide open to interference from HF and VHF transmissions. Typical examples are Hi Fi systems, telephones, security lights, and gimmick items such as touch lamps. Since the general population is largely uneducated in matters of EMC, it is assumed (unfairly) that the amateur is at fault, resulting in many cases, in bad feeling, and/or restricted operating on the part of the amateur.

The situation in Europe is better, since equipment entering the European market has to comply with the susceptibility requirements of IEC standards EN 61000-4-3 and EN 61000-4-6. EN 61000-4-3 deals with radiated susceptibility at frequencies above 80 MHz, while EN 61000-4-6 deals with conducted common mode susceptibility at frequencies below this.

Introduction of similar requirements in New Zealand would benefit both radio amateurs, and the communities in which they reside.

Manawatu Branch 20 Remit to NZART AGM 2003

Remit 3:

That NZART commences negotiation immediately with the Ministry of Economic Development, to institute a Foundation Licence scheme modelled on that of the United Kingdom.

Explanation:

The RSGB in conjunction with the UK Radiocommunications Authority has instituted a new training and licensing regime known as the Foundation Licence. The scheme has been a spectacular success with 5000 new amateurs enlisted in the first year of operation. On a population basis this would equate to 300 New Zealand amateurs in just one year.

The focus of the programme is on practical operation rather than deep and meaningful electronics consequently on graduation the licensees are limited to 10 watts and must use commercially made equipment or commercially made kit-sets. Licensees can access all bands except 10 meters.

The candidates are required to attend organised courses held over (a) weekend(s) and are taught actual operating techniques in addition to elementary electronics. The exam has a 75% pass mark.

CW is “assessed”, the competency standard being that the message is understandable, rather than a letter-perfect transcript. There is receiving or sending rate.

The foundation licence is an entry level qualification only. On completing the foundation course, the amateur may progress on to the intermediate and full licenses.

What is being introduced here is an *education* system for training amateurs as distinct from an *examination* system. Despite the innovations of on-line exam paper access, the focus is still on passing a theoretical technical examination, which, it is assumed, is an indicator of operating competency. Whilst some members may wistfully reminisce about the ‘old days’ when one had to sit a lengthy exam in long hand etc, the floors in this type of assessment have been well documented by educationalists.

The proof of the pudding is that the UK scheme has been a stunning success. It can be a success here too.

Council's Comment

There appears to be no reason to introduce another grade of licence (a compulsory step?) with a separate regulatory regime, a separate call sign series, with separate examination and separate documentation and licence requirements.

Christchurch Branch 05 (Transmitting) Remit

Remit 4:

That NZART enter into negotiations with the Ministry of Economic Development to attain allocations in the 5mHZ band for propagation experimentation and emergency service communications.

Explanatory Note:

An allocation in this band, would allow us to make experiments along similar lines to those in the UK and USA. It would also give AREC other options for short to medium distance communications for search and rescue, civil defence/emergency management and safety communications for sporting events. The allocation could be for a small band segment, or possibly a small number of spot frequencies.

Technology Convention – Hamilton, Easter 2003

April 19th & 20th

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 \$80.00

Saturday Programme - day only (includes am/pm teas & lunch) \$24.00

Sunday Programme – day only (includes am/pm teas & lunch) \$24.00

Saturday evening dinner \$21.00

Sunday evening dinner \$17.00

TOTAL

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