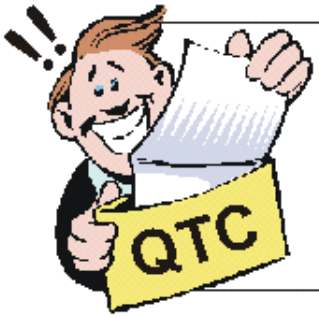

Headquarters - Info - Line

... a service from ...

The New Zealand Association of Radio Transmitters Incorporated

17 July 2005 **Issue #98**

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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The NZART Business Manager Debby ZL2TDM Says:

Remits…Councillors, as always, tasked with among other things, ensuring the financial future of the Association. In so doing, they are ever vigilant of increased costs related to Face to Face meetings they need to attend, such as their February and June meetings.

With this in mind I would ask that ALL Branches who are considering placing remits to Conference next year to please send them to me as soon as practically possible. I am presently in the process of organising accommodation travel and a venue for Council's next February meeting. The general format of most meetings doesn't change, however knowing about remits and other reports work in advance considerably assists with meeting planning.

Subscriptions and Call Book 2006 - As I mentioned in my last HQ Info-line, subscription invoices for 2006 will be included in the next issues of Break In due out at the beginning of August. **Call Book however WILL NOT.**

President Bruce ZL2WP announced on the Official Broadcast at Conference, that we would produce another full sized call book. Regrettably due to time constraints and adequate material being un available, the Call Book will not be sent out until the beginning of October. Call-Book itself will be a midi version. That is, bigger than the biennial reduced Call book, but smaller than the full edition.

That's all for this issue …Debby ZL2TDM

FMTAG Notes:

NZART Council approved publication of the follow recommendations, at its July meeting:

Interim Recommendations to 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. We have chosen 9875, being a repeater transmit frequency of 439.875 MHz and 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. We have chosen 9875, being a repeater transmit frequency of 439.875 MHz and 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 linking transceivers at the Blenheim 695 repeater site.

Branch 78 Far North has applied to link its 6775, 710 and 7225 repeaters by means of a combination of in-band linking transceivers and a bi-directional 70 cm link. We have chosen 4775/9775, being frequencies of 434.775 MHz and 439.775 MHz for the bi-directional link, as being the most appropriate.

Final Recommendations To Council
Branch 30 Otago has applied for a National System UHF Link Station (ULS), in association with the next 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 35 Balclutha 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 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 clubrooms to Akatarawa, grid reference R26 890135. 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 applied for a frequency change for its 845 voice repeater located at Klondyke, grid reference R13 705258. Branch 66 has withdrawn the application and the repeater will remain on 845.

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.

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** 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 or by mail to FMTAG, c/- NZART, PO Box 40-525, Upper Hutt.

National System repeater Transmit Frequency Plan

Site Name	Frequency	Notes
Auckland	439.875 MHz	
Balclutha	434.850 MHz	C
Bay of Islands	439.975 MHz	C
Belmont	439.875 MHz	
Blue Duck	434.850 MHz	
Brynderwyn	434.950 MHz	
Christchurch	439.875 MHz	
Doubtless Bay	434.900 MHz	C
Dunedin	439.925 MHz	
Edgecumbe	439.975 MHz	F 915
Egmont	434.900 MHz	
Hamilton	439.975 MHz	F 910
Hedgehope	439.875 MHz	C
Kaimai	434.850 MHz	F 3975
Kapiti	439.925 MHz	
Mount Erin	434.850 MHz	
Murchison	434.950 MHz	F 4275
Nelson	439.925 MHz	
Reefton	434.900 MHz	C
Rotorua	439.925 MHz	F 8925
Saddle Hill	434.800 MHz	C
Taupo	439.825 MHz	C
Wairarapa	434.950 MHz	C
Waitaki	434.900 MHz	
Waitomo	439.925 MHz	F 9125
Wanganui	439.875 MHz	C
Westport	439.975 MHz	C
Whangarei	439.925 MHz	
Wharite	439.975 MHz	

OPERATIONAL STATUS as at 12th July 2005

C Repeater removed for frequency changing, or a new repeater is under construction.

F Still on the old frequency.

Your Submission is needed:

Waikato District Council has collated all the initial submissions on its proposed district plan.

A good number, twenty or so submissions were lodged by radio amateurs in Waikato and Hamilton opposing the proposed severe restrictions to height and number of antennas. We need more submissions to support these initial submissions.

Further submissions have now been called for. These submissions can either support or oppose the initial submissions.

Any person can forward a further submission, not just residents or ratepayers from Waikato District. We should all have an interest in the Waikato District proposed plan, since it is in our interests for those amateurs resident in Waikato District to have effective antennas to aid our communication with them. Further, if we can accomplish our objectives, then acceptable planning rules affecting radio amateurs in Waikato District could be transferred across into other Districts as their plans are reviewed.

I have attached a file, which summarises the NZART submission. Most of the summary will be self-evident.

The essence of the submission is that amateur antennas should be allowed as permitted uses with supporting structures, ie towers, masts and poles, up to 15 metres in height, with minimal setbacks, no height control plane restrictions, simple pole structures should not be unduly restricted, dishes to 4 metres in diameter be allowed as permitted uses.

One unfortunate omission to this NZART submission was opposition to some of the restrictions on antennas to three in number of all types, not just amateur radio antennas, however this was covered in a separate submission by Mike, ZL1BNB

What is needed now is support from all amateurs to make further submission supporting the NZART and Mike's submissions, and opposing any submissions that conflict with our objectives.

You may not agree entirely with the NZART submission, it was written specifically for the Waikato District Plan, and as such is not specifically applicable elsewhere, but nothing other than a concerted effort now and in the future will gain for us the right to do the things we enjoy doing without encountering undue restriction.

NZART Local Government Liaison Officer Mike ZL1BNB is currently sifting through the submissions received (the document exceeds 500 pages) and will prepare for NZART and for any other willing participant -- **everyone who reads this and more** -- the necessary notices in support or opposition. Mike is working to a very tight time frame.

Please take this matter very seriously. Success now creates a good starting point for us the next time a Council proposes a restrictive plan.

To support the Association and those initial submitters, please e-mail Mike, zl1bnb@nzart.org.nz .

He will respond with a pro-forma submission for you to complete by entering your name, address and signature, and to mail to reach Waikato District Council, by the deadline of 5 August.

Additionally, it is intended to publish the proforma submission in a special HQ-Infoline on 31 July, which will give supporters of our objectives sufficient time to mail/fax a submission by the closing time of 4.00pm on Friday 5 August 2005.

Yours in Amateur Radio

73

Bruce Douglas ZL2WP
President

****

Contests with Stan White ZL2ST:

Congratulations to Brian ZL1AZE of Wellington who has been awarded the Commonwealth medal by the RSGB for his commitment to the Commonwealth Contest (BERU) over a number of years as one of the chief operators of ZL6QH.

Upcoming contests are:

Waitakere Sprints. The popular Sprints on Saturday 30 July (Phone) and Saturday 6 August (CW) 1000-1100 UTC. Frequencies – phone 3550-3700, CW 3500-3550 kHz; no linear amplifiers; exchange serial number starting at 001 and increment by one for each QSO; separate log for each sprint marked PHONE or CW, Sections - Phone, CW, SWL; certificates to overall winner plus 3 best scores in each District, top 3 VKs and highest combined Phone and CW score (phone total + CW total) x 2; minimum valid contacts 10 phone, 5 CW; log to show mode, callsign, name, address, operating area (ZL1, ZL2 etc), total contacts, declaration of operation in accordance rules and spirit of contest.

Full rules are on web site http://www.qsl.net/zl1ac/wsrc-sprint.html or the NZART 2004/5 Callbook or NZART website. Logs are to be in the hands of the contest manager, ZL2ALW. Andrew Barnett, 70 Waima Crescent, Titirangi, 1007 New Zealand or email zl2alw@yahoo.com no later than 1st September.

VK trans TASMAN 160 M CW Contest Saturday July 23 0800-1400 UTC exchange serial number. Refer to Break In for rules.

Results: [See the results file attached to this Issue of HQIL]

2005 80M VK trans Tasman Contest full results at http://home.iprimus.com.au/vktasman/ while the ZL results are in the attached Contest results file.

Commonwealth Contest full results at website www.beru.org.uk while the ZL results are in the attached Contest results file

Sangster Shield Contest full results at the NZART website http://www.nzart.org.nz/nzart/update/contests/rules.html and the attached Contest results file.

2004 Oceania Contest full results at website at www.oceaniadxcontest.com while ZL results are in the Contest results file attached to this issue of HQ-Info-Line..

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VHF-UHF – SHF Contest Results:

Brass Monkey Contest: Leon Lammers van Toorenburg the VHF/UHF Contest Manager advises that Steve Hayman ZL1TPH has done it again - 1st place and best DX on all bands! A full schedule of results is available on the NZART Contests Page see

http://www.nzart.org.nz/nzart/Update/Contests/2005BrassMonkeyResults.pdf

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Dates To Remember:

- **Special HQ Info-Line Sunday 31 July**
- **NZART Official Broadcast Sunday 31st July**
- **Next HQ-Info-Line Sunday e-mailed 7 August 2005**
- **International Lighthouse/Lightship Weekend 20-21 August**

73

Jim Meachen ZL2BHF
Editor

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Korokoro
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NEW ZEALAND

17 July 2005

To All Amateur Radio Operators

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Yours in Amateur Radio

73

Bruce Douglas ZL2WP
President

New Zealand Association of Radio Transmitters (Inc)
C/- M D Newman, Local Government Liaison Officer, P O Box 40525, UPPER HUTT

Submitter ID: 167

Reference Relief Sought

167.1 Amend rule 21.15.1 to increase height limits for amateur radio antenna supporting structures to 15m, allow height of antennas mounted on buildings to be no less than for antennas on other supporting structures, allow amateur communication satellite dishes up to 4m diameter, no limitation on numbers of amateur antennas and on their supporting structures.

167.2 Amend rule 21.44.1 to increase height limits for amateur radio antenna supporting structures to 15m.

167.3 Amend rule 21.45.1 to exempt amateur radio antennas and their supporting structures, and differentiate between antennas and supports.

167.4 Amend rule 21.49.1 to reduce the setbacks of simple pole structures to 0.5m on road boundaries and for tower/mast structures to 1.5m.

167.5 Amend rule 21.50.1 to reduce the setbacks of simple pole structures to 0.5m on all boundaries and for tower/mast structures to 1.5m.

167.6 Amend rule 21.52.1 to allow simple pole structures closer to lakes and rivers.

167.7 Amend rule 21.53.1 to allow simple pole structures closer to mean high water springs.

167.8 Amend rule 21.54.1 to allow simple pole structures in flood risk areas.

167.9 Amend rule 23.15.1 to increase height limits for amateur radio antenna supporting structures to 15m, allow height of antennas mounted on buildings to be no less than for antennas on other supporting structures, allow amateur communication satellite dishes up to 4m diameter.

167.10 Amend rule 23.44.1 to increase height limits for amateur radio antenna supporting structures to 15m.

167.11 Amend rule 23.45.1 to exempt amateur radio antennas and their supporting structures, and differentiate between antennas and supports.

167.12 Amend rule 23.47.1 to reduce the setbacks of simple pole structures to 0.5m on zone boundaries and for tower/mast structures to 1.5m.

167.13 Amend rule 23.50.1 to allow simple pole structures closer to lakes and rivers.

167.14 Amend rule 23.51.1 to allow simple pole structures closer to mean high water springs.

167.15 Amend rule 23.52.1 to allow simple pole structures in flood risk areas.

167.16 Amend rule 24.13.1 to increase height limits for amateur radio antenna supporting structures to 15m, allow height of antennas mounted on buildings to be no less than for antennas on other supporting structures, allow amateur communication satellite dishes up to 4m diameter.

167.17 Amend rule 24.42.1 to increase height limits for amateur radio antenna supporting structures to 15m.

167.18 Amend rule 24.43.1 to exempt amateur radio antennas and their supporting structures, and differentiate between antennas and supports.

167.19 Amend rule 24.45.1 to reduce the setbacks of simple pole structures to 0.5m on all boundaries and for tower/mast structures to 1.5m.

167.20 Amend rule 24.46.1 to allow simple pole structures closer to lakes and rivers.

167.21 Amend rule 24.47.1 to allow simple pole structures closer to mean high water springs.

167.22 Amend rule 24.48.1 to allow simple pole structures in flood risk areas.

167.23 Amend rule 25.14.1 to increase height limits for amateur radio antenna supporting structures to 15m, allow height of antennas mounted on buildings to be no less than for antennas on other supporting structures, allow amateur communication satellite dishes up to 4m diameter.

167.24 Amend rule 25.49.1 to increase height limits for amateur radio antenna supporting structures to 15m.

167.25 Amend rule 25.50.1 to exempt amateur radio antennas and their supporting structures, and differentiate between antennas and supports.

167.26 Amend rule 25.53.1 to reduce the setbacks of simple pole structures to 0.5m on road boundaries and for tower/mast structures to 1.5m.

167.27 Amend rule 25.54.1 to reduce the setbacks of simple pole structures to 0.5m on all boundaries and for tower/mast structures to 1.5m.

167.28 Amend rule 25.55.1 to reduce the setbacks of simple pole structures to 0.5m on all boundaries and for tower/mast structures to 1.5m.

167.29 Amend rule 25.56.1 to reduce the setbacks of simple pole structures to 0.5m on all boundaries and for tower/mast structures to 1.5m.

167.30 Amend rule 25.59.1 to allow simple pole structures closer to lakes and rivers.

167.31 Amend rule 25.60.1 to allow simple pole structures closer to mean high water springs.

167.32 Amend rule 25.61.1 to allow simple pole structures in flood risk areas.

167.33 Amend rule 26.5(e) to exempt simple pole structures - within 100m of mean high water springs.

167.34 Amend rule 26.14.1 to increase height limits for amateur radio antenna supporting structures to 15m, allow height of antennas mounted on buildings to be no less than for antennas on other supporting structures, allow amateur communication satellite dishes up to 4m diameter.
167.35 Amend rule 26.44.1 to increase height limits for amateur radio antennas supporting structures to 15m. Remove application of height control planes to amateur radio antennas and support structures, and differentiate between antennas and supports.
167.36 Amend rule 26.49.1 to reduce the setbacks of simple pole structures to 0.5m on all boundaries and for tower/mast structures to 1.5m. Allow simple pole structures closer to lakes and rivers.
167.37 Amend rule 27.15.1 to increase height limits for amateur radio antenna supporting structures to 15m, allow height of antennas mounted on buildings to be no less than for antennas on other supporting structures, allow amateur communication satellite dishes up to 4m diameter, no limitation on numbers of amateur antennas and on their supporting structures.
167.38 Amend rule 27.45.1 to increase height limits for amateur radio antenna supporting structures to 15m.
167.39 Amend rule 27.46.1 to exempt amateur radio antennas and their supporting structures, and differentiate between antennas and supports.
167.40 Amend rule 27.48.1 to reduce the setbacks of simple pole structures to 0.5m on all boundaries and for tower/mast structures to 1.5m.
167.41 Amend rule 27.49.1 to reduce the setbacks of simple pole structures to 0.5m on all boundaries and for tower/mast structures to 1.5m.
167.42 Amend rule 27.50.1 to reduce the setbacks of simple pole structures to 0.5m on all boundaries and for tower/mast structures to 1.5m.
167.43 Amend rule 27.53.1 to allow simple pole structures closer to lakes and rivers.
167.44 Amend rule 27.54.1 to allow simple pole structures closer to mean high water springs.
167.45 Amend rule 27.55.1 to allow simple pole structures in flood risk areas.
167.46 Add to definition P10 (Building), in Appendix P, a new clause to read: "(d) amateur radio antennas and their supporting structures other than a building".

CONTEST RESULTS

- 2005 Sangster
- 2005 Commonwealth
- 2004 Oceania
- 2005 VK trans Tasman 80M

Sangster Shield Contest 2005 Results

Logs were received from 21 operators out of the 30 callsigns that were active.

Congratulations to Andrie ZL1TM in winning the Sangster Shield.

Seasoned campaigners Ken ZL1AIH takes 2nd place and Leo ZL2AJB makes the top 3. Alistair ZL2ARC takes the South Island Trophy with some competition again from John ZL4IM.

With the aurora in full swing (reported max. was Sunday afternoon) John had his Sunday night wiped out totally & reports hearing only bits of three ZL1 transmissions that night. The magnetic storm caused increasing trouble to stations, the further South they were located.

This year I have invoked Rule 13 and have deducted 4 Branches as multipliers on the grounds of below minimum activity. The recorded contacts derived from the logs received totalled 8, 9, 12 & 14 for each of the branches discounted. The chance of entrants working each of these branches was really a lottery. I have deducted the branch No. claims but allowed all contact points as claimed by each entrant since there is no sign of any unfair advantage in the scoring patterns. It is not my intention to discourage contestants from appearing in the contest since we would all sooner have the additional activity - even if some can stay only a short while. While 1st and 2nd places were unaffected by this action, unfortunately 3rd and some lesser place positions were altered.

ZL2LN reported 10 watts on Saturday and 5 watts on Sunday. I have adjusted all claims to match this fact. Most claims were actually correct! Not one entrant managed a VK contact this year. This must be a first. There was also no entrant for the Transistor Trophy (less than 1 year licensed) and again no Branch Award has been made due to lack of the required 3 submitted logs.

Down from last year, the 19 qualifying active Branches were:-
2,3,8,10,12,13,20,24,25,27,28,29,45,50,56,65,71,78,86. Branches 16, 40, 69 and 72 were discounted as multipliers but their contacts benefited overall activity.

I was pleased to enter the contest for the full time this year. For me the extra activity on Sunday was tempered by the adverse band conditions. All received signal strengths plummeted but also Saturday's steady crystal CW notes took on a warble mindful of the old days of keyed finals and VFOs. Once again the scoring task was a pleasure.

Comments received were:-

- ZL1BHQ - Usual enjoyable event spoilt by atrocious condx Sunday with even close stations barely audible.
- ZL2DF enclosed details from W1AW of the Solar event 1650z Friday 13th May which peaked all the solar flux indexes by Sunday 15th.
- ZL1DD [first Sangster was 1953 using ARC-5 & R1155!] operated Sunday only, worked 95 QSOs & heard no ZL3 or 4s. Barry used a computer linked rig and posted a faultless log. He remarks on how times have changed!
- ZL1UB - QRN steady 5/9+ Sunday 15th at Milford.
- ZL2AOH praised other operators for having "good ears" if his signal was comparable to theirs.

- ZL2ADN is still enjoying the thrill of contesting at age 79!

Check Log: Nigel Hardy ZL2TX pwr 5w, Br 16, Yaesu FT1000MP/DC

One or Two Night Contest? - Of the 20 entrants, 9 were in favour of one night - (Sat was the most picked), 4 prefer two nights and 7 did not comment. One wished for earlier start and one requested later finish. It would be nice to get 10 operating periods over 5 hours [7-12] and this is my bid for the moment. Comparing nights, Sunday seems to be the more consistently active but 12 midnight is a bit heavy for those working weekdays.

Decision for 2006. *Go with two nights, then*

Alter the Call Book rules for a *one night contest in 2007* - Tentatively 10 half hour operating periods 19:00 to 24:00 midnight Saturday of the 3rd full weekend in May. Forward your comments to ZL2KZ or the Contesting Reflector at contesting@nzart.org.nz for the option of Saturday vs Sunday and the start/ finish times

Glenn ZL2KZ Sangster Manager.

No	Station	Name	0-5w	6w+	DX	Brs	Pwr	Total	Br	Equipment
Sangster Shield - Open Section										
1	ZL1TM	Andrei Chatalov	194	2	0	18	5w	17496	2	Kenwood TS 570DG, Bow Dipole
2	ZL1AIH	Ken McCormack	187	2	0	18	5w	16866	71	2xElecraft K2's, 2 x Inv. L's
3	ZL2AJB	Leo Hodge	184	3	0	18	5w	16614	20	K'wood TS120V, Centre Fed 1/2w Inv Vee
4	ZL1MH	Mike Hutchins	178	1	0	18	5w	16038	78	Elecraft K2, 1200ft Horiz loop
5	ZL1BHQ	John Powell	172	2	0	18	5w	15516	29	-
6	ZL1TW	Ron Willcocks	170	1	0	18	5w	15318	28	Elecraft K1, 1/2w dipole, no tuner
7	ZL1PZ	Ian Sexton	174	2	0	17	5w	14824	10	Thermionic 7C5 valve from TS830, Zepp
8	ZL2KZ	Glenn Kingston	155	2	0	18	5w	13986	50	Home Brew BLY87A,valve RX,1/2w Dipole
9	ZL1DK	David Karrasch	150	3	0	18	5w	13554	65	K'wood TS440, Trapped Dipole, Iambic keyer
10	ZL2AVL	Bill Luscombe	148	2	0	18	5w	13356	45	K'wood TS120V, Extended Double Zepp
11	ZL2DF	Nigel Hayton	111	1	0	18	5w	10008	27	Elecraft K2, 5 band vert. elevated radials
12	ZL1WI	Roy Milam	117	0	0	17	5w	9945	3	Yaesu FT767, 1/2w dipole
13	ZL1DD	Barry Kirkwood	95	0	0	16	5w	7600	86	FT1000D, 1/2w dipole up 20m, Writelog
14	ZL2ARC	Alastair Christie	80	0	0	14	5w	5600	56	K'wood TS120V, Extended Double Zepp
15	ZL1ALZ	John Balsille	78	0	0	14	5w	5460	65	K'wood TS120V, 1/2w Dipole
16	ZL1UB	Don Wilson	80	0	0	12	5w	4800	29	ICOM IC706, Dipole, off centre fed Inv Vee
17	ZL2AOH	Ralph Sutton	77	0	0	11	5w	4235	50	Kenwood TS120V, Dipole
18	ZL2ADN	John Stuart	50	0	0	16	5w	4000	20	FT101ZD, 1/2w centre fed, GSB (P&T) Key
19	ZL2AWH	Denys Brosnan	58	0	0	13	5w	3770	13	Ten Tec Argosy, Diamond trap dipole
20	ZL4IM	John Norton	38	0	0	13	5w	2470	8	TS 580SAT, 2x1/2 waves in phase up 80'
Arthur Stevens South Island Trophy										
14*	ZL2ARC	Alastair Christie	80	0	0	14	5w	5600	56	K'wood TS120V, Extended Double Zepp

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2005 Commonwealth Contest Results.

Conditions were a bit mixed for this year's contest. Some felt that conditions were better than expected at this point in the solar cycle, whilst others were very disappointed. In fact, the contest coincided with a significant peak in solar flux. The 2006 dates are 11/12th March.

The lower frequency bands naturally provided a substantial proportion of the traffic, and overall scores are down from their peak of a few years ago. That said, the 174 entrants submitted logs containing details of a total of 26739 separate QSOs, and 794 individual callsigns. The spread of activity across the five bands reveals no surprises - 80m provided 10% of the contacts, 40m 24%, 20m was the busiest with 38%, 15m gave 25% and a faltering 10m just 3%.

As usual, those parts of the Commonwealth with a large amateur population provided much of the traffic, notably Canada (20% of the logged callsigns), Australia (8%) and New Zealand (5%), whilst the UK contributed 59%. A total of 58 different Commonwealth call areas were worked.

Open Section: Vlad, 9H1ZA, first place winning the Senior Rose Bowl, 2nd VC3A (opr VE3AT), 3rd VO1AU, 4th ZC4LI.
Interestingly, there are no top-ten places for any station from the southern hemisphere - presumably the combination of conditions and distance from other centres of activity took their toll.

Restricted Section. This year saw a very welcome increase of over 30% in the number of logs received for this section. VE3KZ 1st - the Junior Rose Bowl, VK2BJ, 3rd 9M6BG opr VR2BG.

ZL6QH (ZL1AZE) comment: Just prior to our sunrise on Sunday, the amplifier went QRT with a huge bang and also blew the shack fuse. The sun was high in the sky by the time I recovered from this event, so I missed much of the grey line short path opening to Europe. See the note at head of column regarding the awarding of the Commonwealth Medal to Brian ZL1AZE.

HQ Stations

Pos	Callsign	Score	BCAs#	QSOs
1	**GB5CC**	**7691**	**119**	**750**
2	**ZL6A***	**4439**	**88**	**337**
3	**VK4WIA**	**3615**	**69**	**269**

*** ZL6A oprs ZL1BHQ, ZL1AIH**
# BCAs = band call areas.

Open Section ZL entrants

11	**ZL6QH**	**6013**	**112**	**502**
12	**ZL4BR**	**5391**	**104**	**390**
20	**ZL2AZ**	**3791**	**90**	**210**
30	**ZL6FF**	**2952**	**64**	**155**
65	**ZL2TX**	**1065**	**28**	**50**
69	**ZL2AOH**	**948**	**27**	**50**

Restricted Section ZL entrant

8	**ZL1MH**	**3507**	**88**	**180**

2004 Oceania DX Contest Results

The total number of logs received in the 2004 contest is 628 - approximately a 21% increase over the 517 logs that we received for the 2003 event. The number of Oceania logs is also up from 75 in 2003 to 86 in 2004. This is an encouraging increase in participation, especially considering the poorer propagation for the 2004 contest. There were also plenty of positive comments from the participants and the contest appears to be in good health.

Visit the Oceania contest web pages at www.oceaniadxcontest.com for the full results and an accompanying story plus soapbox. It can also be accessed via the NZART web page.

Overall Oceania winner in the Phone and CW sections is VK6DXI who will receive the Ron Wills ZL2TT Memorial Trophy for the top Oceania SOAB PH score as well as the CW plaque and VK2QL trophy for the top VK SOAB CW score (just beating John VK4EMM). Top placed ZLs are ZL1TM (SSB) and ZL2UO (CW). Multi-multi ZL6QH was the only mm entry, while ZM1A was top multi-one in CW and ZL4AA was first multi-one SSB.

CW Results

Single Operator

Call	Score	QSOs	Points	Mults	Bands
ZL1TM	1,813,784	1118	2644	686	AB (3rd in Oceania)
ZL2LF	355,306	391	1238	287	AB
ZL1ALZ	43,681	156	361	121	AB
ZL3GA	9,222	68	159	58	AB
ZL1/DK4ARL/P	44,631	261	261	171	20M
ZL2RX	36,735	237	237	155	20M
ZL2RVW	4,070	74	74	55	20M

Note: AB = all bands

Multi-multi

ZL6QH	6805017	2066	6537	1041	AB

ZL6QH oprs: ZL1AZE, ZL1BHQ, ZL1BYZ, ZL2AGY, ZL1CT.

Multi-one

ZM1A	3594864	1291	4938	728	AB

Oprs: ZL1AIH, ZL1GO

ZL4AA	1042074	668	2493	418	AB

Oprs: ZL4NR, ZL4OL, ZL4DK, ZL4KX, ZL4KS, ZL4VM

SSB Results

Single Operator

ZL2UO	693048	711	1608	431	AB (4th in Oceania)
ZL1ALZ	211967	452	749	283	AB
ZL1ANH	136260	248	757	180	AB
ZL1BYZ	10092	107	116	87	AB

ZL3GA	1653	31	57	29	AB
ZL1AWF	1026	28	38	27	AB
ZL1CT	32780	220	220	149	20M
ZL2RVW	24552	186	186	132	20M
ZL2DZ	5200	80	80	65	20M
ZL3DW	414	23	23	18	20M
ZL3AB	196	14	14	14	20M
ZL2001SWL	**30870**	**142**	**294**	**105**	**AB**

Multi-multi

ZL6QH 3682636 1523 4502 818 AB
Oprs: ZL1AZE, ZL2BSJ, ZL2AMI, ZL2AOV, ZL1AXG, ZL2CA

Multi-one

ZL4AA 828768 655 2136 388 AB
Oprs: ZL4NR, ZL4OL, ZL4QD, ZL4KS, ZL4SB
ZL1AA 827931 889 1633 507 AB
Oprs: ZL1TM, ZL1AFU

2005 VK/ trans-Tasman Contest 80M Results

There were quiet band conditions and mostly good propagation for 80 M events. In the SSB event, the 80 Metre Trophy was won by VK2ATZ, a multi-operator entry from the Westlakes Amateur Radio Club, VK3EK and VK3FRC (multi-operator) were equal 2nd and VK7VH was 3rd. The QRP Phone was won by Ian Godsil, VK3JS.

David Karrasch, ZL1DK, won the certificate for 1st ZL, with Brian King , ZL2001, being the only starter and winner in the SWL Category.

The CW was won by VK4SN, 2nd VK2BPL and VK5DC 3rd. Again, VK3JS, won the QRP.

229 stations participated on Phone, and 60 in CW, and 88 logs were received, which is all a bit up on last year's record total of 264 with 226 in 2003. The auto-logging programs made things easier for everyone except the Contest Manager.

Area	2005	2004
ZL1	15	14
ZL2	26	23
ZL3	8	4
ZL4	**10**	**11**
ZL6	1	1
VK1	0	4
VK2	68	63
VK3	71	59
VK4	44	33
VK5	19	30
VK6	6	14
VK7	20	6
VK8	0	3

All VK 229 210
All ZL 60 54
89 logs received (30.8% of participants), compared to 72 last year (27% of participants).

Participation Factor. Again this year, the Participation Factor was applied to ZL's "VK contacts" points. The Results again indicate that ZL's are positioned alongside VK's with a similar number of contacts.
80M Phone: 48 ZL's divided by 194 VK's = 0.2474. - All ZL's "VK contacts" points (not bonus pts) multiplied by 0.2474.
80M CW: 12 ZL's divided by 35 VK's = 0.343. - All ZL's "VK contacts" points (not bonus pts) multiplied by 0.343.

Of the 89m logs received, 43 worked 6 hours (48% of logs), and 21 worked 5 hours (24% of logs). In all, 72% of logs were competitive (attempting to win). This was below 50% last year. As it is the return of logs that determines the viability of the Contest - things are looking better! No rule changes for 2006:
Full results are at http://home.iprimus.com.au/vktasman/

ZL and Top Scorers
Category 1 80M Phone

Posn.	Call	score	QSOs
1	VK2ATZ	3110	322
2=	VK3FRC*	3049	285
2=	VK3EK	3003	286
3	VK7VH	2894	287
8	ZL1DK	1926	229
11	ZL1BCO*	1655	173
15	ZL4AA	1395	169
17	ZL4AD	1383	130
20	ZL4AL*	1202	178
23	ZL1AAR	1160	137
26	ZL3GL	979	118
29	ZL2AYZ	940	123
30	ZL3DW	920	108
31	ZL2AUB	904	113
35	ZL4IM	759	103
36	ZL1CN	740	86
41	ZL2CAT	576	84
45	ZL1ALZ	507	46
47	ZL2TIS	489	63
49	ZL2JL	438	74
51	ZL4JAD	408	61
53	ZL1TYR	312	59
55	ZL1GBB/q	279	37
59	ZL1BT	204	36

* = multi-operator

Category 2 80M QRP Phone

1	VK3JS	1430	155
2	VK7KDO	1180	142
3	VK3UBM	1129	112

5	ZL1GBB	279	37

Category 3 80M CW

1	VK4SN	1023
2	VK2BPL	996
3	VK5DC	961
7	ZL6FF	803
8	ZL2TX	795
10	ZL2RX	700
12	ZL2AYZ	675
14	ZL3TE	555
16	ZL2AVL/q	512
20	ZL1ALZ	268
21	ZL4JAD	255

Category 4 80M QRP CW

1	VK3JS	921
2	ZL2AVL	512

Category 5 SWL

1	ZL2001	1853

CW QSO numbers not available.

Bruce Renn VK3JWZ
Manager VK trans-Tasman