



MAY 2002

NERG Inc.
PO Box 270
Greensborough
Victoria 3088

NERG NEWS

Incorporated 1985 in Victoria
Reg No A0006776V - <http://nerg.asn.au>

This Month:
8:00 PM THURSDAY 9th MAY 2002
Greenhill's Community Centre

John Kolm

talking about

Writing and Drawing for a living

What's on this month?

This month John Kolm returns to talk about writing and drawing for a living. John has been involved in the publishing industry for many years and is well known to readers of RadioMag (and its many predecessors) for his characteristically humorous (and sometimes warped?) view of the amateur world.

You may remember John's talk a while ago on corporate training and many entertaining stories about that industry. Do you recall the story about the pilot saying "cheer up" – I do whenever I see a plane taking off...

This month's meeting is again back to the 2nd **Thursday** in the month, on **9th MAY**.

The meeting will again be held at the new venue – Kindergarten room at **Greenhill's Community Centre** located in **Yandell Reserve, Greensborough (MELWAY 21-B1)**.

Follow the minor road off the traffic light controlled 'T' intersection of Mountain View Road and St. Helena Road. Enter the rooms via the playground ChildProof Gate (lift locking pin on top).

April Meeting Report:

Our March Meeting was held to the Greensborough Community House on Thursday April 11th and was well attended. The new venue is comfortable and would appear to be suitable until the future of access to the Watsonia barracks can be decided.

The meeting opened with discussions on our John Moyle Field Day venture to our usual site at Mount Macedon. We had about 12 people attend the weekend. This turned out to be a real fun weekend for all. There was much fun and good experiences had by all and it was decided we would return in 2003. The idea to meet at the Mount Macedon General store for breakfast then head on up from there was a winning move and sure to be "on the menu" next year. The final score was not available at the time but a meeting was organised to finalise the logs.

The star attraction for the night was Mark VK3BYY who gave us a marvellous practical talk and hands on instruction on VHF and

UHF antennas. Marks talk covered the field and there was much interest in the various designs and models that were there to be examined. Gerhard demonstrated his quick deploy lightweight antenna and there were other designs and models from members.

The meeting closed with the usual hot drink, biscuits and discussions on Dxing, Dog-Piles etc.

73, Greg VK3VT

Vic. Foxhunt Championships - Saturday 11th May

The Victorian foxhunting championships will be held on the afternoon and evening of Saturday May 11th (after the Moorabbin Hamfest). This annual event sees Melbourne's finest foxhunting teams battle their way to hidden transmitters in broad daylight – something they are not used to! You don't need to be a regular foxhunter to join in though. You will however need a vehicle with suitable directional antennas and receivers for various HF, VHF & UHF bands. A Melways is also essential. Portable sniffers may be required as well.

This championship is shortly before the Mount Gambier Australian Championships in June each year. The winner of the previous year runs the event including a complete day of hunting with events on many bands. This year the VK3YQN team is running the championships on Saturday May 11. Details so far are:

Where:-Pakenham area, south-east of Melbourne.

Start time:-"Warm-up" hunt starting approx. 1300, hall open from midday

Finish time:-Dunno, maybe 2300?

Bands:-80m, 10m, 6m, 2m, 70cm, 23cm (not all at once, but there will be multi-band, multi-leg events)

Cost:-Tea/coffee, biscuits, dinner and supper included for between \$10 and \$20 per head, all inclusive (TBA).

RSVP:-Any time up until the 10th May. Please advise of team call-sign and number of heads on board, plus any special requirements (eg dietary considerations, equipment limitations, timing problems).

Note that we are aware of the MDRC Hamfest on Saturday morning, hence the later than usual start. The early events may have less weight than the later ones, at our discretion (although notice will be posted several days prior). More details posted on the Fox List.

Regards, Roger Lewis VK3HRL
phone: +61 3 9359 7649
fax: +61 3 9359 8907

NERG DAYTIME MEETING

This month the Tuesday group meets at Gerhard's QTH on the 28th May. Listen to the NERG net on Thursday nights for more details (146.575 MHz 8.30pm).

VK3RMH 70cm repeater - where are you?

A few weeks ago our repeater developed a mysterious fault where the transmitter would fall over a few minutes into a QSO and would not work again for the next half hour. A dry joint was discovered in the PA stage, going open circuit when it heated up. A lossy trimmer capacitor (silver plated ceramic at that!) in the PA was also getting rather hot and was replaced with a high power silver mica capacitor, resulting in an extra 10 watts output!

A previously blown and substituted power regulator transistor was also finally replaced with the correct type with the hope of keeping the whole thing reliable.

The repeater is now back on the air and running IRLP – I look forward to working you via the device. 73's, Mark, VK3BYY

Editors Ravings

by Mark (Harry) VK3BYY

Hi NERGs and associates,

Sorry for the late delivery of the NEWS this month. This issue was going to be brief as I spent most of my "after midnight hours" on getting the NERG's John Moyle Log to the contest manager in time. Actually there wouldn't have been a NEWS except for a bunch of NERGs that met at El' President Greg's place a few weeks ago and help with the arduous task of entering the logs onto computers (and that was only after making sense of the written log sheets!). I haven't seen such a sea of assorted notebook computers for quite a while. (Actually this was a secret plan to get them to practice their keyboard skill for next years event - or at least improve their log keeping skills!).

Anyway, you may notice the NEWS is longer than usual - partly because so much is happening this month, but also because the full rules for the VK/Trans-Tasman contest have been included to encourage all HF-capable NERGs to participate! Even if you only put in one hour you will make the contest more interesting for the rest of us!

Just a few of the other activities in the shack include converting the remaining RT85s (sorry to all those waiting patiently - they are at last floating back to the top of the "URGENT" pile); repairing the VK3RMH 70cm repeater; making changes to the NERG SWR meter (beware: they don't like more than 25 Watts!); planning for the new IRLP setup; and getting the 6m beacon onto a new frequency.

WIA office opens Saturdays

Drop in - they need your support so they can support YOU!

The WIA Victoria office is open Saturday mornings (10am-12) on a trial basis until 29 May. Books and odd bits of surplus equipment are on sale and there is always some to talk to.

6m Beacon - where are you?

A beacon operating as VK3RMH has been under test on 6 meters until recently but is now off air.

A permanent frequency in the beacon bandplan has been allocated and we hope to have the beacon back on the air as soon as possible. Since it's a crystal locked transmitter it will take a bit more effort to get it on the new frequency than twiddling a knob. Fortunately a crystal has been found in the junk box and modifications to the oscillator are under way to make it more stable under extreme temperature variations. Controller modifications will also be made so it doesn't occasionally shutdown problems on hot days.

Mark, VK3BYY

POWER TRANSFORMER SPECIFICATIONS

One of the transformers sold at the April meeting by Don has been measured with the following results:

250V ac input = 27.2 Vac out (unloaded), or 26.3 Vac when loaded to 5.5A (~143Watts). Thus Rs is about 0.16 Ohms.

A single turn of the secondary measures 0.585 Vac unloaded, and 0.577 Vac when loaded at 5.5Amps.

The output is too high for a conventional regulator to operate at 13.8 Volts and will mean the regulator gets quite hot. If 12 turns (about one layer) of the secondary is unwound then a useful secondary voltage of about 18Vrms will be reliably produced for 240V input. Removing more or less turns may be optimum depending on the maximum current drawn and the size of filter capacitors used.

Mark, VK3BYY

Brand New Transformers

**240Vac to 24Vrms @ 250VA
in metal box with circuit breaker**

Easily modified to 18Vac and suitable for home brew power supplies with at least 10 Amps output at 13.8 Volts

**Offered to current NERG members ONLY!
\$20.00 each. Contact Don Haslam, VK3KDT**

MDRC Hamfest, Portable / Mobile Competition

The Moorabbin and District Radio Club hamfest will start at **10am on Saturday 11th of May** at the Brentwood Secondary College in Watsons Rd. Glen Waverley (Melways 71 D7). Enter off Heath Street.

There is a new competition for the best HF, VHF, UHF and (possibly) microwave mobile & portable stations. Displays must be truly mobile or easily transportable.

The best setup will be awarded the latest ARRL Handbook, as judged by WIA Vic. President Jim Linton. Certificates will be awarded to all entrants and to most original and most useful mobile / portable station.

Entry is open to all amateurs and radio enthusiasts A \$2 donation to the MDRC is required for entry. So, come and give inspiration to others to "get mobile" and exchange ideas with other mobile operators.

Entries must be confirmed by 8th May and be set up in the car park between 8 - 9:00am for a 10:00am Hamfest start. For more details contact Tony Middleditch VK3CAT,

Wk 0418543536, A/H 03 95663367, Email vk3cat@qsl.net

If you'd like to book a table, contact Lee on 9705 1051 (home), or 0429 810 101 (mobile).

JOHN MOYLE FIELD DAY

As promised, we now have the results of our efforts at this year's John Moyle Field Day. A summary of the number of contacts and scores for each band appears in the table below. As a comparison, the last time we ran a 24-hour station in '2000 we made 460 contacts and 4296 points. Overall we made 23 more contacts for 358 fewer points than in '2000. This follows the observation that many of the portable stations were closer to us this year, with a corresponding drop in points scored due to distance.

DX just wasn't playing ball this weekend, with only one VK2, and five VK5 stations worked on the important VHF & UHF bands. Some of best contacts were:

23cm (SSB) - Sth Kerang (near Swan Hill !)
70cm (SSB) - Sth Kerang (~200km)
2m - York Peninsula, SA
& Kangaroo Island SA (~680km)
6m - Yass (Nth of Canberra)

We made 27% more contacts on HF this year but unfortunately they don't count for many points. The big difference was on 20m - up 270% - so it looks like a linear is very worthwhile on this band! (Many thanks to Mark VK3LI for supplying and operating the box that glowed and the machine that powered it!).

Activity was up slightly on 6m but unfortunately the points average was down a bit.

For some reason 2m contacts were well down (by 33%) and points were down by 50%. Bigger beams and a spotter station may be required next year!

70cm didn't change much although again the points average was down.

23cm was a big surprise as there was twice as many contacts, but unfortunately for the same score as 2000.

Band	Contacts	Score
80m	40	80
40m	60	120
20m	111	222
15m	12	24
10m	5	10
6m	75	1018
2m	109	1588
70cm	50	682
23cm	21	194
Total:	483	3938

Our closest opponents and probable VK3 winners appears to be VK3ER of the EMDRC. They seemed to be making more



contacts than we did and the extra distance from Melbourne to Mt Cowley (near Lorne) will probably give them a bigger advantage on distance scores. One never knows though until the office results are announced – they weren't hearing the DX we had on VHF and UHF bands.

Perhaps a tactic for next year would be to encourage a few NERGs to enter single operator 6-hour stations running portable from cars on optimally spaced mountains ☺

Mark, VK3BYY

Simple UHF antennas (Cont.)

Unfortunately this will have to wait until next month due to space limitations. Here however are a few clarifications and omissions for my handouts at the April meeting:

I mentioned that the 70-cm Super J-pole antenna could be constructed with 5/8 wavelength elements instead of 1/2 wave elements. This is true and should improve the radiation pattern, but requires changes to the "phasing" sections or coils. This however requires two different length phasing section to be used and will take a bit of explaining next month.

The other base-fed 70cm antenna was designed for mobile use on a standard mobile mount. However it can be used as a base station or portable antenna if a 1/4 wave ground plane is connected to the shield of the coax and the centre is connected to the base of the antenna (where the threaded nut is shown).

For mobile use a threaded base is required – this may come from a discarded CB of VHF antenna. Alternatively some hexagonal brass bar can be turned up on a lathe. Beware though – the tap to cut the thread is a rather hard to find size (5/8" 26TPI BRASS or "electrical" thread).

Also, beware of using discarded fibreglass car broadcast antennas – they can have a wire up the centre and will effectively short out the phasing coils.

Report from Italy

Here is an example of one of the better QSL reports we receive for the VK3RMH 10m beacon – in this case from Italy:

Italian SWL i3-65709 - LOC. JN 65 BH
From : Walter Capozza, Italy,
Mestre Venezia, 15th April, 2002
LISTENING REPORT NO. 1585

Dear friends,
May I introduce myself? I'm an old amateur of radio listening, with particular regard for the international utility radio stations. I started this hobby during 1972 listening maritime and aero radio beacons on long waves.

So, today, I had the great pleasure of receiving one radio transmission from the

above ham beacon named " VK3RMH " near Melbourne.

The details of my reception, which I hope are interesting to you, are below :

Date : 15th April, 2002
Time : 07:12 hrs. UTC
Frequency : 28,256.5 kHz.
Mode : CW (telegraphy).

The text of the transmission was:
VK3RMH MELB QF22OH 20W/2W V
VK3RMH (then carrier for 5" - 1 " of silence, and carrier for 5")
VK3RMH@HOTMAIL.COM QSL
VK3RMH (and then carrier for 5s, 1s of silence, and carrier for 5s) - repeated continuously.

Reception quality (R.S.T. code) :
Readability: 3 = readable with difficulty
(due to severe qsb/fading)
Signal Strength : 3 = weak signals
Tone : 6 = modulated note,
slight trace of whistle.

My receiver is the "Kenwood R 600" with dipole of 5.30 mts.

I would be very happy if you could send me via e-mail your verification to confirm my reception.

I thank you very much in advance for your kind attention, dear friends, and awaiting to hear from you, I remain with my best and friendly regards. All the best to you and your families!
from your friend in Venice,
Walter Capozza

ACA allocates amateur band for Vehicle Radars

Automotive radar devices are appearing on many transport and passenger vehicles in Europe and USA. They will soon become an integral part of new cruise control systems used in luxury cars.

These devices operate pulse radar between 76-77 GHz at power levels up to 25 Watts. The ACA has reviewed the use of such devices in Australia and recommended they be allocated a LIPD class license. This band of frequencies falls within the 76 - 81 GHz band that is currently allocated in all three ITU regions for radiolocation (primary) and **Amateur, Amateur-Satellite**, and Space Research on a secondary basis.

The ACA review commented that:

"The WIA yearbook 2000 does not provide detailed band planning recommendations for the use of the Amateur service allocation in the 75.5 GHz – 81 GHz band. There appears to be no amateur use of the band terrestrially in Australia at this time. There are no amateur satellites operating in this band".

Wow! I hope the WIA yearbook isn't their only source of information the ACA uses, especially as the 2002 yearbook dropped this bandplan information !!!!

Electronic QSLs & Routes

There seems to be a bit of chat on air about the virtues of electronic QSL'ing. This would put certain sections of the hobby at a disadvantage, i.e. those people without the Net, or if you live in the middle of nowhere.

The other aspect is no nice glossy cards.

Advantages would be that you could get the contact confirmed and save heaps on postage, not get ripped off by profiteers and if you are like me on record keeping, save heaps of time.

But then again, I enjoy my time spent at the bureau and if I stayed at home the XYL would only give me another job!

After careful consideration I don't know why I brought the subject up....

73's, Dave VK3JMB

QSL routes:

FK8HZ LIFOU I. NEW CALEDONIA,
FRANCE.

JY4NE VIA. K3IRV IVING L
McWHERTER 11910 CORONDA PLACE
KENSINGTON MD 20895-2323 USA
CPICI JOHN CLARKE 50 PO BOX 1413 LA
PAZ BOLIVIA

H40T VIA. DL7AFS BAERBEL LINGE
EICHWALDSTR. 86 KASSEL, D-34123
GERMANY

V73UG VIA JAMES F DE VRIES 5500VAL
VIEW DR SE TURNER OR 97392 USA
ZS2AHL HENRY LEMKE 23 PELL ST.
BEACON BAY 5241 REPUBLIC OF
SOUTH AFRICA

C21AT VIA. VK3ALX
ZK2CW VIA. DL2RUM THOMAS LINDER
LEHNSHULZENWEG 8, D-15754
BINDOW, GERMANY

H7DX VIA. DL7CM HANS-RAINER
UEBEL HARTMANNSDORFER
CHAUSSEE 3 D-15528, SPREHNHAGEN
GERMANY

TK5KT VIA. F6FNU ANTONIE BALDECK
PO- BOX 14 ARPAJON 91291 FRANCE

5U4R VIA. I2YSB SILVANO BORSA
VIALE CAPETTINI 1 27036 MORTA PV
ITALY

C6AFV DELANO TAYLOR BOX F - 3563
FREEPORT GB BAHAMAS

VP5/K17VR BRUCE FLEMING 7401 NW
16" AVE. VANCOUVER WA 98665 US-A-

YV5ANF OSCAR OYARZABAL
TROCONIS CIUDAD- ALIANZA, 40-
ETAPA-NUOVA, M-7,#28. GUACARA,
ESTRADO CARABOBO- VENEZUELA
HK5MQZ JAIRO VARGAS 10862 CALI
COLOMBIA

HG8OST VIA. HA6KNB RADIO CLUB
SALGOTAJAN BOX 115 H-3101
SALGOTAJAN HUNGARY

W190G WINTER 19 OLYMPIC GAMES
VIA. WA71TZ

The VK/Trans-Tasman Contest - 1st June 2002 - All amateurs & clubs invited!

KEEP THIS HANDY for 1st JUNE 2002!

The 80 meter VK/Trans-Tasman contest is only a few weeks away, being held on Saturday night, 1st June 2002. Bruce Renn, VK3JWZ, (and NERG member) is the contest manager and has put a lot of effort into this event. Please support it

This is a friendly little contest especially suited to newcomers and those without big stations. Novices are encouraged to join in, especially if you haven't contested before.

This year clubs are also being encouraged to join in. The NERG is looking for 6 operators to run a club station. **An event station will be discussed at the May NERG meeting.** Each operator must run the station for a complete one-hour shift with no other assistance (apart from being fed!). The club would presumably operate from a home station, although we have also had a very good offer to use buildings (warm and cosy!) and facilities at a quiet scout camp site about 60km North/East from Melbourne.

The contest runs for 6 hours, in 1 hour stages, - long enough to be interesting without being arduous, and providing constant activity with stations being reworked each hour.

The main emphasis will be on contacts made between VK and ZL stations, with the scoring structured to give all stations an equal chance, regardless of their geographical location.

Bonus points can also be earned each hour, and are awarded to encourage trans-Tasman contacts and participation by VK5's, VK8's and VK6's.

Phone and CW Categories will be catered for, as well separate categories to encourage QRP and SWL operators.

An engraved trophy will be awarded to the outright winner, with certificates for winners and placegetters in the other Categories.

This Contest is not a sprint or a marathon. It will provide 6 hours of non-stop evening entertainment, that should not impinge too much on family life or sleep time.

So, make a note of the details, and give it a go ! - The only thing we ask is that you take the time to submit your log (even if you don't think you will win). This is essential to make it all worthwhile, and to ensure the on-going success of the Contest.

Rules are also published in the WIA AR and NZART magazines, and are available on the Contest website at:

<http://home.iprimus.com.au/vktasman>

Queries and comment can be emailed to the Contest Manager on:
vktasman@hotmail.com

The Rules:

These Rules cover a variety of Operator circumstances, so - jot down or highlight those parts that are applicable to you.

Contest Date: Saturday, 1st June, 2002

Time: 0800 UTC to 1400 UTC, (6pm – midnight local) (in 6 one hour stages).

Aims of Contest:

a) The VK/trans-Tasman Contest was conceived as a reciprocal event to the NZ Memorial Contest (held in July). The main emphasis is on VK - ZL contacts.

b) The scoring system was devised in an attempt to:

* compensate for geographical location and useable band time to provide, so far as is possible, a level playing field for all.

* encourage participation by VK5, VK8 and VK6's.

* promote trans-Tasman contacts, by giving bonus points for VK/ZL contacts.

* provide incentive for the clever Operator, by allocating additional bonus points for working multiple "call-areas" in any hour. The value of these bonus points has been structured to reflect the difficulty of achievement, with regard to distance & population.

c) Promote / give recognition to QRP operators and SWL's.

d) Provide a short event that doesn't impinge too much on family life or sleep, while giving 6 hours of constant on-air activity.

General:

a) The Contest is open only to all VK and ZL callsigns.

b) The Contest shall be in 6 x 1 hour stages, and stations can only be reworked after the commencement of each hour.

However, stations worked during the 5 minutes before the hour, cannot be reworked until 5 minutes after the hour.

c) A station can be worked on Phone and CW, during any one hour stage, only if the Operator is contesting both Categories.

d) Sequential numbers starting at **001** shall be sent and received for all contacts made during the Contest. (RST is **NOT** required).

e) Contest details; Rules and a suitable log sheet are available on the Contest web-site: <http://home.iprimus.com.au/vktasman>

Any queries or constructive criticism should be attached to the log, or e-mailed to: vktasman@hotmail.com

Band:

80 metre band only.

Frequencies:

Phone: 3.540 to 3.625 MHz.

CW: 3.500 to 3.550 MHz.

Note: It is not in the spirit of the Contest to "park" on a frequency. While this will not be policed, 20 minutes is considered to be the maximum time between QSY's.

Modes:

LSB (DSB allowed for QRP) CW.

Max. TX Pwr:

LSB: 100 watts pep. (QRP 5 watts pep, LSB or DSB).

CW: 100 watts pz. (QRP 5 watts pz).

Categories:

Cat 1. Single operator - Phone.

Cat 2. Single operator - QRP Phone and/or CW. (also eligible to enter Cat 1 or Cat 3).

Cat 3. Single operator - CW.

Multi-operator:

* Club/Group stations shall be permitted to enter **any** Category, on the proviso that only **ONE** Operator is used in each 1-hourly segment, to perform **ALL** functions without assistance. (ie: TX/RX; log and time-keeping).

* Any prize awarded to a Club/Group entry where multiple operators were used, shall also be awarded equally to the "single-operator" entry that would have otherwise won that prize.

* Club/Group stations are ineligible for the "VK/ trans-Tasman Trophy".

Callsigns:

a) VK4's north of the Tropic of Capricorn, shall add "**Central**" after the suffix of their callsign, for all contacts with **ZL** stations.

b) QRP stations shall add "**Quebec**" after the suffix of their callsigns, for all contacts.

Scoring:

a) *Note:* The **final score** shall be the sum of the five (5) highest scoring hourly segments, with the lowest hourly score not counted. This gives the ZL's the option of working only 5 hours, if they choose not to stay up until 2am to try to improve their score. It gives VK6's (who only have 3 hours of competition after 7pm), 5 hours to complete a full log, if they choose not to start until 5pm to avoid poor propagation at 4pm/0800 UTC.

b) VK shall be divided into 3 zones (for scoring purposes):

"East" = VK1, VK2, VK3, VK4 (south of the Tropic of Capricorn), VK7 and VK9.

"Central" = VK4 (north of the Tropic of Capricorn), VK5 and VK8.

"West" = VK6 and VK0.

c) VK to VK	(except VK / East to VK / West)	= 3 pts
VK/East to VK/West	= 3 pts + 3 (distance)	= 6 pts
VK/East to ZL	= 5 (distance) + 1 (band time) + 5 (bonus)	= 11 pts
VK/Central to ZL	= 7 (distance) + 2 (band time) + 5 (bonus)	= 14 pts
VK/West to ZL	= 10 (distance) + 5 (band time) + 5 (bonus)	= 20 pts

d) ZL to ZL		= 3 pts
ZL to VK/East	= 5 (distance) + 5 (bonus)	= 10 pts
ZL to VK/Central	= 7 (distance) + 5 (bonus)	= 12 pts
ZL to VK/West	= 10 (distance) + 5 (bonus)	= 15 pts

(5 bonus points awarded for each trans-Tasman contact)

During each 1 hour segment, additional bonus points shall be awarded as follows:

VK	working 4 VK call areas	= 20 bonus pts
VK (East)	working 3 ZL call areas	= 30 bonus pts
VK (Central)	working 3 ZL call areas	= 40 bonus pts
VK (West)	working 2 ZL call areas	= 40 bonus pts

e) ZL	working 4 ZL call areas	= 20 bonus pts
ZL	working 3 VK (East) call areas	= 30 bonus pts
ZL	working 2 VK (Central and/ or West call areas).	= 35 bonus pts

Note:

"Call Areas" are identified by the numeral in the callsign. Multiple "groups" of call areas worked in any hourly segment shall score multiple points (eg: VK (East) working 3 ZL call areas, twice in one hour = 60 points).

f) **QRP to Base Stn** = 2 bonus points to each party.

QRP to QRP Stn = 4 bonus points to each party.

QRP using home-brew RX & TX, = 1 bonus point per contact.

Logs:

a) A separate Log shall be submitted for each Category entered.

b) Provide a separate Log sheet for **each** hourly segment, with hourly "contact" sub-totals and "multi-call area bonus" shown at the bottom. Number each Log sheet (eg: 2 of 6).

c). For each contact, logs shall record callsign of station worked; numbers sent and received, and UTC time.

d) A spare column shall be included at the right of each log entry, for contact points score. - (calculated after the Contest).

e) If six (6) hours are contested, the Log sheet for the lowest-scoring hourly segment shall still be submitted for cross-checking, but shall be indicated as "not included in final score", by ruling a red diagonal line through the page.

g) Logs, or log entries that are not clearly legible, in the opinion of the Contest Manager, will not count.

Log Summary Sheet:

* Logs shall be accompanied by a Summary Sheet showing the Operator's Name; Address; email address (if available); Callsign; Category(s) entered, and total points score claimed.

* VK4's in "Central" zone shall identify at the top of their Log Summary sheet, by writing "Central" after their callsign suffix.

* QRP stations claiming "homebrew" points shall indicate accordingly.

* It will be assumed that all entrants submitting logs will have contested in compliance with the Rules.

* Logs submitted without a "Log Summary", may not be counted.

Lodgement of Logs:

Logs must be received either by post, to:

VK/trans-Tasman Contest,
28 Crampton Crescent,
Rosanna, VIC. 3084
AUSTRALIA.

or, via e-mail to: yktasman@hotmail.com

in either "Word 2000" (or earlier), or "Text File" (Notepad) formats.

Closing date for receipt of Logs shall be **0700 UTC**, 10th July.

Important Note:

Operators are requested to submit their logs (even if you don't think you will win). This will justify the effort and expense involved by the Contest Manager, and ensure the on-going success of the Contest.

Awards:

VK/trans-Tasman Trophy:	Highest Score	
Certificate	1st	Phone Score
Certificate	2nd	Phone Score
Certificate	3rd	Phone Score
Certificate	1st	QRP
Certificate	1st	CW
Certificate	2nd	CW
Certificate	3rd	CW
Certificate	1st	VK
Certificate	1st	ZL
Certificate	1 st	SWL
Certificate (Night-Owl's Award)	Bucketmouth	Top Phone score in final hour.
Certificate (Night-Owl's Award)	Paddle-pumper	Top CW score in final hour.
Certificate (Wooden Spoon Award)	Beat all who didn't log in!	Lowest Log Score.

Publication of Rules and Results:

a) **Rules** will be published in the WIA "AR" and NZART "Break-in" magazines, and on the Contest website.

b) **Results** will be published in "AR", "Break-in" and if possible, in "Radio & Communications" and "Radiomag" magazines.

c) The Results will be published on the Contest web-site no later than 20th August, 2002

The NERG Inc. Reg No A0006776V <http://nerg.asn.au>

The North Eastern Radio Group, Inc. is an amateur radio club devoted to encouraging members and others to enjoy the hobby of amateur radio. It tries not to hang on ceremony and endless reporting but rather participate in the fun aspects of this fascinating hobby.

Membership Fees (due each August):

Full: \$30 Family: \$40 Concession: \$20

Committee

President	Greg Williams	VK3VT	9432 0563
Secretary	Mark Beacham	VK3XXX	
Treasurer	Marg Baxter	VK3VOJ	9467 1253
Committee	Dave Pricor	VK3JMB	9465 9708
	Betsy King	VK3HBK	9431 2191
	Peter Cosway	VK3DU	9379 3626
	Don Haslam	VK3KDT	9439 1102
Social Sec.	Don Haslam	VK3KDT	9439 1102
Repeaters	Mark Harrison	VK3BYY	9435 3043

Meetings

2nd Thursday of each month at 8.00 PM (excepting Dec. & Jan.)
NEW VENUE !!! Greenhills Community Centre, Yandell Reserve,
St. Helena Road, Greensborough. (Melway map ref 21-B1)

Classes

NERG occasionally runs classes and exams for Amateur license candidates.

Callsigns and Repeaters (25km North East of Melbourne)

Club call - VK3CNE

6m rpt	VK3RMH FM	52.550 MHz in	53.550 MHz out
6m beacon	VK3RMH CW	(10 Watts)	50.295 MHz (trial)
70cm rpt	VK3RMH FM	433.325 MHz in	438.325 MHz out
10m	VK3RMH CW	Beacon (20Watts)	28.2565 MHz

Occasionally home to the Scout Radio & Electronics Group repeater:
2m VK3RSR FM 146.375 MHz in 146.975 MHz out

NETS

NERG NETS run on 146.575 MHz FM Simplex (8.30 – 9.30 pm Thursdays).
Please join the discussions. NERGs often monitor this frequency and the 70cm VK3RMHrepeater.

WEB Site: <http://nerg.asn.au>, <http://www.qsl.net/vk3rmh> & [/vk3cne](http://www.qsl.net/vk3cne)

NERG NEWS submissions and comments

editor: Mark Harrison VK3BYY
ph: 9435-3043 hm (btwn. 7.30-9.30 p.m. please)
post: 266 Nell Street West, Watsonia, 3087
email: vk3byy@qsl.net



NERG

North – East Radio Group VK3CNE
Incorporated 1985
BOX 270 GREENSBOROUGH VIC 3088

MEETING this week::

8:00 PM THURSDAY 9th May 2002

on the 2nd THURSDAY of each Month at the NEW venue of
Greenhill's Community Centre, Yandell Reserve, Greensborough
This Month: John Kolm – Writing & cartooning for a living

CALENDAR 2002

May 9th	NERG meeting - Thursday night -
May 11th	Moorabbin and District Radio Club Hamfest – see details inside.
May 17	ITU day – AX3ITU special event station at EMDRC
May 18/19	WIA Federal Convention – Melbourne
June 1st	*** VK/Trans-Tasman Contest – 80m *** NERG club station
June 8th	QRP day
June 13th	Next month's NERG MEETING
June 15/16	International Museums Weekend – work the world's museum stations!
August 17/18th	International Lighthouse Weekend (NERG activity) AND Remembrance Day Contest (HF & VHF)