



March 2004

NERG Inc.  
PO Box 270  
Greensborough  
Victoria 3088

**WHAT'S ON THIS MONTH -**

Chris Eavis is our guest speaker this month. Chris now works with the CFA on the Communications side of thing but has also made several working visits to Antarctica. Come along and hear some of the stories, possibly from both temperature extremes!

Also we'll be finalising plans for this year's John Moyle Field Day (20-21<sup>st</sup> March). More on this later...

As usual, visitors are very welcome and hot drinks and bickies will be supplied for a small gold coin donation.

See you on the Thursday 11<sup>th</sup> March !

**SUMMARY OF THE FEBRUARY MEETING**

This meeting was well attended by 20 members and guests. It was nice to see our successful student Adam Fisher attending - there was some concern about his injuries resulting from a biking mishap; we hope you heal quickly Adam.

There were two topics for the evening's discussion - the first was the future structure of the WIA and the second planning for the John Moyle Field Day.

There has been an informal committee established in NSW to discuss the future of the WIA - my understanding of the proposal is that the NSW division "takes over" the running of the Federal Office of the WIA and provides all the services for the rest of Australia. This means the other divisions would transfer their funds over to the NSW Division. I can see there will some heartache in this, particularly for Victoria, which is in a good financial position in comparison with the other divisions (apart from NSW). Discussion at the club meeting indicated that there is concern about issues like repeater funding, QSL bureau and local specialties such as towers and town planning. This issue is not over so come along to the next meeting and have your say.

We need your help this year in the John Moyle field day - there are about 10 people already on the list to come to Mount Macedon and we plan a concentrated effort this year with even tastier meals; and some operating! Contact Greg VK3VT for further details and keep checking the web site for updates.

Supper was served in the staff room and the conversations continued into the evening. 73, Greg, VK3VT

**FRIDAY NIGHT FOX HUNTS**

The March transmitter hunt has been shifted from the usual 3<sup>rd</sup> Friday of the month to Friday 26<sup>th</sup> March so that everyone can get an early start to the John Moyle field day on 20<sup>th</sup>.

# NERG NEWS

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

7.45 pm, Thursday  
11<sup>th</sup> March 2004  
**Briar Hill Primary**  
**Guest Speaker: Chris Eavis**  
Working in Antarctica  
and other things



Starting point still to be announced but supper will be in Greensborough. Contact Greg VK3VT for more info.

**NEXT MONTH - DON'T BE AN APRIL FOOL!**

**BEWARE!** The April meeting may be held a week later than normal due to the 2<sup>nd</sup> Thursday falling on Easter Eve. Look for updates on the NERG web site, the next edition of NERG NEWS, or tune into the NERG net on 146.575 MHz each Thursday night.

- We don't want anyone becoming an April Fool!

**TUESDAY MORNING TEA GROUP**

A very enjoyable day was had by eight NERG's at the QTH of Alan, VK3JPK. The latest retiree Greg VK3VT came along and was most welcome; but he was only just a week into retirement so he has a long way to go to slowdown yet. The others present were Steve, Gerhard, Ian, Mark, Dave and Jim. The topics covered were varied from tubes to radio politics but nothing too heavy. Your warmest thanks go to Wendy, Alan's XYL form providing the great spread which was consumed and enjoyed greatly by all. The next meeting is 10 am Tuesday the 23<sup>rd</sup> March at the QTH of Ian VK3BGE.

73, Jim VK3DBQ

(Listen out for Jim VK3DBQ on the NERG net 146.575 MHz for further details or call him on 9467 1253).

## JOHN MOYLE FIELD DAY 2004 - NERG AT MT. MACEDON

The JMFD is rapidly approaching (weekend of 20/21 March). NERG will run **VK3CNE** on all bands from 160m to 23 cm (except WARC bands) in the Multi-op 24-hour section, operating from the **Northern peak of Mt. Macedon** (directions on getting there below).

**Please listen out for VK3CNE and exchange a few numbers. We need all the points we can get!**

Note our 2m station will alternate between FM on 146.500, 146.550, and 146.565, and SSB 144.100 +/- 100k, so be persistent if we don't hear you first time.

**Members and Non-members alike are very welcome to visit the station and join in the action - No Experience necessary! We'll be active from midday Saturday to midday Sunday.**

An affordable charge will be made for catering and generator fuel. Special rates available for those that are not staying the whole time, but make sure we know who's coming if you expect to be fed! **Please contact Mark VK3XXX at [supes@supes.com](mailto:supes@supes.com) or Greg at [vk3vt@nerg.asn.au](mailto:vk3vt@nerg.asn.au)**

Our friendly rivals at VK3ER look like being decimated this year by their involvement in their own EMDRC hamfest. It looks like there will be some new and improved stations from all the other Melbourne clubs so perhaps 3ER won't be missed after all.

**The NERG station on Mount Macedon is at the end of Lions Head Road.** To get there, take the **Calder Highway** past Sunbury. Turn off towards Mount Macedon (the mountain) before reaching Macedon (the city) This turnoff leaves the highway from the left, then turns right to pass under the freeway. Continue through the township of Mount Macedon (stop here if a lot of amateurs seem to be having an early coffee break at the general store!). **Turn Right** at the intersection at the top of the hill, taking the road towards Camels Hump and **AWAY** from the Mount Macedon Cross **Lookout!** About 100m down the road, turn Right onto a dirt road, then turning Left almost immediately to follow Lions Head Road **past the Days Picnic Ground & past Sanatorium Lake** to the very end - that's where we'll be!

Location: Lat: 37° 22' 6"S; Long: 144° 36' 42"E;  
Maidenhead Grid: QF22HP

## GEAR WANTED

Mark VK3LI has completed his move to the country is on the lookout for some descent sized 2m and 70cm beams as well as a economical 2m rig so he can crack the not-so-local repeaters. Call Mark VK3BYY or Don, VK3KDT for Mark's latest contact address.

## BIRD CALLS

Healesville Sanctuary lost some birds of prey a few weeks back. They have transmitters and one of the frequencies is 150.862 MHz. I believe they transmit for about 1 or 2 seconds every minute. I haven't heard them but if you do then VK3GMZ would like to know. Range is about 6 Kms as the bird flies and less than 1 Km when landed.

If you get a chance have a listen. Mark VK3JMB

## WORKING THE 'MOYLE FROM HOME

You don't need to be portable to have a lot of fun with the John Moyle Field Day. Many good DX contacts can be had from home with basic gear. You'll work more VHF/UHF & HF stations in an afternoon than you will hear all year!

Working the JMFD quite simple:

- Answer a CQ or put one out yourself !
- Exchange a QSL number and location,
- Log the time and numbers exchanged,
- Tune around for the next station.

Although you don't have to send in your log, doing so will get your name into AR magazine, and with only 13 entrant in the Home categories last year, you may even get decent placing!

Remember that mountain top stations can hear a lot of other stations that you can't, so be patient if they don't hear you first time and keep trying until you get through. You will find that some stations change rapidly from band to band or switch channels and modes frequently when things get busy. For instance a 2m operator may alternate between 146.500 FM, 146.550 and tune around 144.1 SSB so again be persistent if they don't hear you the first time. All contacts are simplex - repeaters and the HF "WARC" bands aren't used.

Add /H to your callsign if operating from Home, or /P for portable. Stations will want to exchange QSL numbers with you in the "59123" format. Read this number back to them (QSL) to confirm the contact and give them your number (incrementing you serial number by one for each QSO). The first digits are Readability & Strength (by tradition this is always 5&9 :-). The last three digits are a contact sequence number starting at 001 (e.g. 59061 is the 61<sup>st</sup> contact). Multi operator stations keep separate counts on each band. Single ops use the one count sequence across all bands.

**Portable contest stations will appreciate it if you give your current location and indicate if you are a Home or Portable station.** You must give your location; otherwise portable stations can only claim 2 points for the contact. A full 6-digit Maidenhead Grid location is preferred (e.g. QF22HP), but a suburb, postcode, or geographical feature name (WITH district) will usually do - provided it's in the Melways!!!. The contest is divided into 3-hour blocks, starting from midday. You can work each station only once on each band during each 3-hour block, or twice if you use both a CW/digital mode and Phone. For instance, you could work VK3CNE on every band during a 3-hour block using CW and Phone for a total of 20 QSO's (assuming 10 bands).

If you have any questions ask for help on the air. So there you are - Nothing to it! Get on the air and have some fun!!!

Rules published in February 2004 AR magazine and at: [http://www.wia.org.au/contests/john\\_moyle/index.php](http://www.wia.org.au/contests/john_moyle/index.php) .

## GREAT CONTESTING WEB SITE!

Jim VK3DBQ recommends the following web site for all things related to DX'ing and radio contesting:

[www.contesting.info](http://www.contesting.info)

The site includes DX news & info, tech support, DX clusters, openings, antennas, results, and lots more.

## NERG PACKET

The NERG Packet system is nearly here. Installation may still require a working bee to run some cables and erect antennas. Listen for it on 144.700 MHz soon! (Channel 60 on the NERG's FM900's)

The system consists of a PC running Linux for the BBS and CLX for the DX Cluster. The remainder consists of an MFJ-1270B into a Philips FM-828 on 2 Met 144.700 MHz (1200 baud) and another MFJ-1270B into an Icom IC-207H on 70cm (Freq yet to be finalised).

The system will be housed at VK3VT's home QTH, with a Diamond X series 2/70 antenna combination using a diplexer on VK3VT Tower. Hopefully the coverage will be OK for most people. The stumbling block to date has been getting reliable software to run the DX Cluster. There are many versions out there, with most having issues compiling, but we seem to have a good one.

I would like to take this opportunity to thank a few people for their valued support in putting this project together.

**Hy-Q**  
International [www.hy-q.com.au](http://www.hy-q.com.au)

- A special thankyou to Mr. Robert Cooper and Hy-Q International for the donation of crystals for the FM-828.
- Rod Taylor VK3XSW for many hours slaving over the computer software and for finding reliable DX software.
- Warren Stirling VK3XSW for the Philips FM-828, checking the TNCs and Radio combinations, cabling and final QA.
- Mark Beacham VK3XXX for the computer hardware, 70cm Icom IC-207H, Antenna, and Power Supply.
- Don Haslam VK3KDT for the loan MFJ-1270B
- Greg Williams VK3VT for the Packet Home and Tower.

If anyone has any questions, you can contact me by e-mail at [davida@broadcastrentals.com.au](mailto:davida@broadcastrentals.com.au)

David Aston, VK3THY

(Thanks also go to David for getting the project together - Ed)

## UV-RESISTANT ROPE

John VK3ZRV has come across an interesting tip on plastic ropes - the kind we use to support wire antennas and temporary masts.

If you've used poly rope to hold up antennas then you'll most likely know that they fall down after one or two years. The plastic goes hard and crumbles to dust due to the effects of Ultraviolet light from the Sun - especially when the Ozone hole is overhead.

However there are UV-resistant ropes on the market that should last a lot longer. Apparently a quick way to tell if poly rope is UV-resistant or not is to drop a short strand into a glass of water and see if it sinks. It's good if it does. If it floats then don't expect it to last too long outdoors!

This is not a hard and fast rule but is a good guide for the cheap poly ropes sold at local hardware stores. Some of the more expensive types, such as some yachting ropes, are designed to float as well as being UV-resistant.

## WHAT SMOKE?

Hmmm... I wonder if this was a case of the Engineer saying, "Pressurise the cable with NITROGEN", and the Technician hearing "Pressurise the cable with HYDROGEN" !



(It looks best in colour!!)

The full story on this cell tower fire in New Jersey is unknown, but it's likely welding sparks ignited the coaxial cables inside the cellular tower. With multiple services on the site, there would have been quite a bundle of cables to fuel the fire.

Perhaps they should use fire retardant cables?

The caption might have read,

"Hey Joe, I said 250 watts, not 250 dBm!" (1x 10<sup>22</sup> Watts!!!!) or "I've heard of letting the smoke out but this is ridiculous!"

(photo via Mark van der Hoek, Sr. RF Engineer, Wireless Facilities Inc)

## ARDF EVENTS FOR 2004

More "Street-O" events are coming up for the Victorian Orienteering calendar, with which the Victorian ARDF Group is affiliated. In particular, the Vic ARDF group is running the **March 8<sup>th</sup> event** at DAREBIN PARK AR Ford Park, Davidson St, Heidelberg West, Melway 31 D4 (run by Tony Langdon VK3JED)

ARDF events and combined events with the orienteers are planned for the rest of the year at the rate of one per month.

**April 11<sup>th</sup> (Sunday):** Fox-oring as part of Easter 4 day street/park carnival. Jells Park 1:10000 colour map, Ian Stirling VK3MZ

**April 24 (Saturday):** Vic Foxhunt champs (TBD)

**May 9<sup>th</sup> (Sunday):** ARDF Combined with Metro at Christmas Hills, Greg Williams

**June 12<sup>th</sup> long weekend:** Mt Gambier ARDF (TBD).

All Enquiries: Vic ARDF, Bruce 9888 7509

## NEW REPEATERS COMING SOON:

Several new 70cm repeaters have been recently been licensed for the outer Melbourne suburbs. Details are sketchy, but all seem to intend running IRLP and Echolink for linking to other repeaters and computers via the Internet, as well as operating as regular voice repeaters.

It's also likely that all will require a 123Hz CTCSS tone for access as a precaution against LIPD interference. Some of these may be on air by the time you read this.

The repeaters are:

- VK3RFY, Hillside, N/W of Melbourne, 438.400 MHz, Echolink #3037, IRLP # TBA. 147.425MHz Simplex (cross-band linked)
- VK3RTL, Niddrie, N/W of Melbourne, 438.600 MHz
- VK3RMC, Berwick/NarreWarren, 439.375 MHz

## CTCSS REQUIRED ON LOCAL REPEATERS

Increasing interference problems from LIPD's on Melbourne 70cm repeaters are forcing some to move to CTCSS access. You will need to transmit a continuous 123 Hz sub-tone to access these repeaters from now on.

The WIA Vic repeater VK3ROU in Olinda is one such repeater to suffer almost continual interference during business hours. This repeater also hosts the EMDRC IRLP node. From now on, a 123 Hz CTCSS tone is required to use this repeater.

Most modern UHF radios have CTCSS capability built in - it's just a matter of finding the menu that enables tone sending (don't enable tone squelch though!). A new EPROM enabling the tone on AWA RT85A's will be available from me shortly through the NERG, or you can download it from [www.qsl.net/vk3byy](http://www.qsl.net/vk3byy) (soon!). Really old radios may require the addition of a tone board to the transmitter circuitry.

Whilst the tone access method stops false keying of the repeater by interference, it's not an ideal solution. For starters, many older radios aren't fitted with CTCSS tone generators. Also tone access reduces the sensitivity of the repeater receiver, which can be a nuisance for mobile users. It also doesn't protect the repeater from interference if it is stronger than the wanted signal, possibly resulting in signals from weaker stations to go on and off unexpectedly - as if they have an intermittent fault in their TX (or in your RX!).

Several types of "Low Interference Potential Devices" are causing trouble on Melbourne's repeaters, including short but frequent bursts of "buzzing musical" sounds coming from industrial remote controls as well as continuous white noise-like interference coming from computer data links. Movie soundtracks and TV shows can also be heard coming from LIPD wireless headphones that are used with TVs and VCRs.

Melbourne foxhunters have been accused of being slack in finding the LIPD's. However these devices are very difficult to track down. For starters their signal level is often marginal at the top of the repeater's tower and non-existent from a foxhunting vehicle closer to the ground. Since the LIPD may be 20 km or more away, finding them is going to be difficult unless you want to drive around the repeater in forever expanding circles until you happen to hear the LIPD. Intermittent transmissions and seasonal bursts of heightened UHF propagation add a few orders on magnitude to the difficulty factor.

Nevertheless, many LIPD's have been located, and asked to switch frequencies, only to reappear weeks later when the owner finds they are suffering interference themselves (a scary thought when they use these things to control cranes moving 10 ton plates of steel!). With changes in legislation, the ACA can't and won't protect us from LIPD's.

.....Hence the need for CTCSS.... 73, Mark VK3BY

## OZWORDS

The results are out for the Ozwords comp where entrants were asked to take an Australian word, alter it by adding or subtracting or changing only one letter, and supply a new and witty definition. (Authors unknown.)

**billabonk** : to make love by a waterhole

**bludgie** : a partner who doesn't work but is kept as a pet.

**bushwanker** : a pretentious drongo who reckons he can handle himself in the scrub.

**crackie daks** : 'hipster' tracksuit pants.

**dodgeridoo** : a fake indigenous artefact.

**fair drinkum** : good quality wine.

**flatypus** : a cat which has been run over by a vehicle.

**podgie** : a pregnant widgie.

**shornbag** : a particularly attractive naked sheep.

**technicolour lawn** : the front yard after a rave party.

**yabba** : the hitherto secret language of Australian freshwater crustaceans

## ARDF R3 Champs DVD Now Shipping



The Region 3 ARDF Championship DVD is now available for purchase for just \$29.95 plus p&p.

You'll get a 45 minute video featuring the highlights from the 2m and 80m events, as well as snippets of the Street-O event, Boomerang throwing, Sovereign Hill and BBQ.

To get your copy, download the order form from [www.e-comm.com.au/ardf/](http://www.e-comm.com.au/ardf/)

Fill it out and fax it to (03) 9888 7805 or simply ORDER ONLINE with the secure online order page. Postage \$5.50. (International \$3.50 plus stamp value).

## 2004 EVENTS

Updated March 3<sup>rd</sup> ....

- March 5** WANSARC Meeting, Preston campus of Northern Metropolitan Institute of Technology, Building K Room 106
- March 11<sup>th</sup>** NERG Meeting, 8.00pm
- March 20-21<sup>st</sup>** John Moyle Field Day  
- NERG station VK3CNE on Mt Macedon
- March 21<sup>th</sup>** EMDRC White Elephant Sale, Sunday 10:30am, Great Ryrie Primary School, Heathmont, Melway 49 K11 \$6/head
- March 26<sup>th</sup>** Melbourne Friday Night Foxhunt - (Delayed due to JMFD contest on normal night) Start to be announced. Supper in Greensborough.
- April 8<sup>th</sup>** NERG Meeting (subject to change of date)
- Apr 11<sup>th</sup>** Fox-Oring as part of Easter 4 day Orienteering street/park carnival, Jells Park. (Ian Stirling, VK3MZ)
- April 17** Australian Post Code Contest
- Apr 24<sup>th</sup>** ARDF Vic Foxhunt championships.
- April 25<sup>th</sup>** Harry Angel Memorial Sprint - CW/SSB  
In memory of Harry Angel VK4HA (sk 1998) who became the world's oldest radio amateur aged 106.
- May 9<sup>th</sup>** ARDF Combined with Metro Orienteering at Christmas Hills (Greg Williams, VK3VT)
- May 13<sup>th</sup>** NERG Meeting
- May 15<sup>th</sup>** QRP Day (Revised rules) - CW/SSB
- May 22<sup>nd</sup>** VK/trans-Tasman Contest - SSB  
See Bruce Renn, VK3JWZ, Info: [home.iprimus.com.au/vktasman](http://home.iprimus.com.au/vktasman)
- June 5th** VK/trans-Tasman Contest - CW
- June 10<sup>th</sup>** NERG Meeting
- Jun 12<sup>th</sup>** ARDF/Foxhunt at SERG convention, Mt. Gambier
- July 3-4<sup>th</sup>** GippsTech 2004, Churchill  
The technical conference of the WIA Eastern Zone Amateur Radio Club.  
Informal dinner Friday evening July 2.  
Conference dinner Saturday July 3.
- July 3rd** ZL Memorial Contest - 80 Metres
- July 17<sup>th</sup>** Gippsland Gate Radio & Electronics Club Hamfest  
Cranbourne Public Hall, cnr. High & Clarendon Streets, Cranbourne
- July 17th** VK/ZL Trans-Tasman 160 Metres Contest (Revised rules)
- August 14-15** Remembrance Day Contest
- October 2-3** Oceania DX Contest - SSB
- October 9-10** Oceania DX Contest - CW
- October 8-11** World Wide YL Meet  
hosted by the Korea Ladies' Amateur Radio Club in Seoul, Korea. Info: Chae Do Sook HL2KDW hl2kdw@hotmail.com
- November 13<sup>th</sup>** VHF/UHF Spring Field Day

**December 26<sup>th</sup>** Ross Hull Memorial VHF Contest  
(runs until January 10, 2005)

Other international Contest from the ARRL calendar.  
Full details at [www.arrl.org/contests](http://www.arrl.org/contests)

- Mar 2** DARC 10-Meter Digital "Corona" - RTTY/AMTOR/FACTOR/PSK31/Clover, 1100Z-1700Z Mar 2 [www.darc.de/referate/dx](http://www.darc.de/referate/dx)
- March 6-7** ARRL International DX Contest -Phone, 0000Z Mar 6-2400Z Mar 7 (see Dec 2003 QST, p 96)
- March 7** EU EME Contest - any mode, 0000Z Mar 6-2400Z Mar 7, Info: [info@dubus.de](mailto:info@dubus.de)
- March 13-14** RSGB Commonwealth Contest - CW, 1000Z Mar 13-1000Z Mar 14, British Commonwealth stations only. Info: <http://www.rsgbhfcc.org>
- Mar 13-14** YL International SSB System QSO Party - Phone, 0000Z Mar 13-2400Z Mar 14, [www.qsl.net/yl-issb](http://www.qsl.net/yl-issb)
- March 21** Russian DX Contest - CW/SSB, 1200Z Mar 20-1200Z Mar 21, Info: [www.rdx.org](http://www.rdx.org)
- March 28** CQ WW SSB WPX Contest - SSB, 0000Z Mar 27- 2400Z Mar 28 (CW is May 29-30), Info: [www.cqwp.com](http://www.cqwp.com)

Dates should always be independently confirmed.

Collected from AR magazine, WIA Vic, VKham website, Vic ARDF Group, NERG. For more info: <http://www.vkham.com/contest>, & <http://www.wiavic.org.au>

## WICEN EVENT CALENDAR

Check with your WICEN coordinator to confirm dates etc

- VK3 27 March Blue Rock Classic**  
(contact Chris VK3KME on 5127 5656)
- \*VK2 20-21 March Eden Creek Horse Enduro.  
\* POSTPONED TILL LATER \*
- \*VK2 20-21 March 2GO Car Rally (vk2dbc)
- VK2 4 April Northern Rivers AGM
- \*VK2 3- 4 April Eden Creek Horse Enduro
- VK2 24-26 April Canoe Paddle for Life - Lismore to Ballina
- VK7 27 April - Until May 2nd is TARGA TASMANIA
- VK4 1-3 May TARC Mt Pleasant Horse Endurance Ride
- VK5 13 May WICEN (SA) AGM
- VK2 15-16 May Eden Creek Horse Enduro
- VK5 31 July - 1 Aug, ROSA 2004
- VK4 21 Aug Townsville to Magnetic Island swim.
- VK4 22 Aug 50th Anniversary Maggie Island Swim Brunch
- \*VK5 17-21 Nov Classic Adelaide Rally.

\* = new to calendar

via QNEWS

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**

**Send to: NERG Treasurer, PO box 270, Greensborough, Vic., 3088**

**Committee**

President	Greg Williams	VK3VT	9432 0563
Secretary	Mark Beacham	VK3XXX	0417-597399
Treasurer	Marg Baxter	VK3VOJ	9467 1253
Committee	Betsy King	VK3HBK	
	Peter Cosway	VK3DU	9379 3626
	John Weir	VK3ZRV	
Social Sec.	Don Haslam	VK3KDT	0409 024597
Repeaters	Mark Harrison	VK3BYY	9435 3043

**Meetings**

2nd Thursday of each month at 7.45 PM (excepting Dec. & Jan.)  
Briar Hill Primary School, Gladstone Rd, Briar Hill (off Sherbourne)  
(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 <http://www.qsl.net/vk3cne>

6m rpt VK3RMH FM 52.550 MHz in 53.550 MHz out

70cm rpt VK3RMH FM 433.325 MHz in 438.325 MHz out

IRLP node 6350, EchoLink node 140587

6m beacon VK3RMH CW 10 Watts 50.295 MHz – Intermittent

10m bec'n VK3RMH CW 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 VK3RMH repeater.

**WEB Sites:** <http://nerg.asn.au> and <http://www.qsl.net/vk3rmh>

**NERG NEWS submissions and comments invited:**

*editor:* Mark Harrison VK3BYY

*ph:* 9435-3043 hm (between 7.30-9.30 p.m. please)

*post:* 266 Nell Street West, Watsonia, 3087

*email:* [vk3byy@nerg.asn.au](mailto:vk3byy@nerg.asn.au)



**NERG**

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

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## MEETING this Thursday!

**Guest Speaker: Chris Eavis on Working in Antarctica and other things**

**7:30 PM Thursday 11<sup>th</sup> March 2004**

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**2004 CALENDAR (NERG ACTIVITIES IN BOLD)**

March 11<sup>th</sup>

**NERG MEETING - as above!**

March 20-21<sup>st</sup>

**John Moyle Field Day - NERG station on Mt. Macedon, Lions Head Rd.**

March 20<sup>th</sup>

**EMDRC White Elephant Sale - Great Ryrie Primary School, Heathmont, 49-k11**

March 26<sup>th</sup>

**Melbourne Friday Night 2m Foxhunt - (Delayed due to JMFD contest on normal night)  
Start to be announced. Supper in Greensborough. VK3VT**

April 8<sup>th</sup>

**NERG MEETING - topic to be announced.**

April 11<sup>th</sup>

**2m Fox-Oring as part of Easter 4 day Orienteering street/park carnival, Jells Park**

May 13<sup>th</sup>

**NERG MEETING - topic to be announced.**