



NERG NEWS

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

March 2003

This month:
7.45 pm, Thursday 13th March 2003

Guest Speaker:

Mark Stephenson VK3PI

Also final organization for John Moyle Field Day



Hey!...We've got the antennas ready but where did that tent go?
(...one very foggy field day at Mt. Macedon)
From left: Don VK3KDT, Bruce VK3JWZ, Mark VK3BYY & Steve VK3JNH
(obscured)

NERG Inc.
PO Box 270
Greensborough
Victoria 3088

MARCH MEETING

This month we are fortunate to have Mark VK3PI as our guest speaker. Mark is a man of many talents. As well as his professional involvement in emergency communications services, he is also active with the CFA, having recently been involved in coordinating fire-fighting activities both locally and in North East Victoria. Originally Mark was invited to talk about fire safety for field day operators and about Victoria's emergency communications networks, however that was before the big fires and Mark's dispute with the Banyule council over his antenna tower (more about that later). I'm sure Mark will have plenty to talk about ☺.

Veteran NERGs may remember Mark's yellow escort – with foxhunt antenna mounted through a hole in the roof (rumoured to be put there with a pick axe!).

See you at the NERG meeting Thursday, 13th March at the GreenHills Community House, Yandell Reserve, Greensborough.

February Meeting Report:

As I (your Editor) presented last months talk on Bionic Ears I can't really comment! ☺ The crowd was magnificent, and the technology worked fairly well for a change. The meeting finished off with some Field Day organization and the usual refreshments and natter session.

LOCAL NEWS

Local Ham told to remove tower

Two dozen amateurs from around Melbourne attended a public council meeting last Tuesday to support local amateur Mark VK3PI in his rather public dispute with the Banyule Council. The case is so bizarre that it has generated front-page news in local papers, and has even made it onto prime-time TV current affairs and radio shows.

While it is not uncommon for amateurs to have trouble obtaining new building permits for tall towers, this dispute is quite different.

For starters, Mark's tower is under the 8 meters height limit that requires a building permit. Although the council agreed with Mark on this fact, they continue to order him to pull down the tower unless he obtains a planning permit because they consider the tower should be classed as a "Telecommunications Facility". This is a ridiculous claim as a telecommunications facility is reserved for mobile phone towers and the likes located on commercial properties. Permits for such "facilities" are generally issued to telecommunications carriers carrying 3rd party traffic for commercial gain and certainly not for amateur purposes located on a private property!

The dispute is scheduled for a hearing at the Victorian Administrative Appeals Tribunal (VCAT). The outcome of the dispute could have wide ranging implications for all kinds of private antenna masts throughout Victoria and possibly Australia if the council wins the dispute.

UPCOMING EVENTS

Tuesday Morning Tea Group

Last months informal meeting was held at Dave VK3JMD and Carol's home with 3DBQ, 3JPK, 3BJE, 3BIZ and 3JSE attending. The gathering ended at the unusually early time of 1:30 !

The next gathering is on Tuesday 25th March at Jim and Marg's VK3DBQ/3VOJ. Contact Jim Baxter for directions on 9467-1253.

Invitation to the John Moyle Field Day

All systems are go for the JMFD on 15/16 March. NERG will be running all bands from 160m to 23cm (except WARC bands) as a multi-op 24-hour section from Mt. Macedon, Lions Head Road.

Please listen out for VK3CNE and exchange a few numbers if you can't make it to the mountain! Please note that the 2m station will alternate between 146.500, 146.550 and SSB so be persistent if they don't here you first time.

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

The famous VK3VT catering will provide all meals for only \$25 per head (incl. Saturday lunch and tea, Sunday breakfast and lunch). Note updated cost to allow for fuel for the generator this year. Special rates available for those that are not staying the whole time.

Invitation to the John Moyle Field Day - continued....

Radio equipment and catering for this year's JMFD is pretty much under control but we still need to organise a few items: If you have any of the following please let Greg VK3VT or Don VK3KDT know ASAP.

Shelter: large tents, camper vans, caravans, covered trucks, etc would all be useful. **Masts:** additional portable masts never go to waste.

Long coax cables. Power: a standby generator would be very desirable. Misc: Coax, another **fire fighting knapsack**.

Things to bring: drinks of your choosing (non-stop tea and coffee provided), sun screen, hat, hot and cold weather gear, sleeping bag & stretcher (or thick mattress as it's VERY rocky ground!), and earplugs if you plan on sleeping in the communal tent (or anywhere near Greg!!).

Our location on Mount Macedon is at the end of **Lions Head Road**. To get there, take the Calder Hwy past Sunbury. Turn off towards mountain before reaching city of Macedon. Continue through the town of Mount Macedon. Turn Right at intersection near leading to the Cross at Camels Hump – **Do NOT take road to left leading to the Cross lookout!** About 100m on, turn Right onto a dirt road, then turning left almost immediately to follow Lions Head Road past the Days Picnic Ground & Sanatorium Lake to the end - that's where we'll be.

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

Long range Weather prediction for the weekend:

Based on past experience the temperature will range from -5 to 40°C; wind from 0 to 100kph; visibility between 1 m and the Milky Way; humidity 5% to 110%; Hepburn propagation index somewhere between 5km and 20,000Km. Expect lightning in the valleys and passing low clouds imitating bushfire smoke.

The plan is to get to the top of the mountain by 9am Saturday and have everything set up to start the contest at midday! The event runs until midday Sunday.

See you there! Mark, VK3BYY (liase 146.575MHz on Sat. morning)

PS: Residents of Banyule (and others?) need to vote on Saturday 15th March, so get your postal votes in early to keep Saturday clear.



The VHF tent at the 2000 field day

Field day checklist

The checklist below is a reminder for all the people in charge of setting up each band for the JMFD. This list may also be a useful reminder for anyone going portable for fun or emergency operations.

- Transceiver + power cables + spare fuses
- Power supply + mains leads + spare fuses
- Antenna Tuner
- SWR meter (if none in Transceiver or Tuner)
- Antenna connector adaptors, joiners, and leads
- Antenna Cable – rig to SWR meter (short)
- Antenna cable – SWR meter to antenna (long enough?)
- Microphone (+spare if available)
- Headphones (+ adaptors) (+ splitter for multi-op)
- Handbook or simple operator instructions
- Antenna/s and Assembly tools
- Antenna switch if using multiple antennas

- Antenna support/s, Masts, Guy ropes, Pegs, Sledge Hammer.
- Fold-up Table and Chair
- Digital Clock
- Extension cords & power boards
- 12V Battery (backup during generator refuelling or failure)
- Torch
- Desk Light (pref. 12V incandescent)
- Writing instruments, paper, clipboard.
- Tools and spare parts (fuses)
- Insulation Tape, Cable ties
- If you **MUST** sleep, bring bedding & thick mattress/stretcher

For those setting up a Self-Sufficient field station you will need a few other things including:

- Ample Food and Water
- Cup, Bowl, Eating utensils, Cooking gear, Matches
- Generator or 2nd battery (don't use vehicle's battery)
- Tent or shelter
(do not plan to work inside a car for extended periods).
- First Aid kit (Bandages, Aspirin, Burn cream, etc)
- Hat, Sun Screen, Sunglasses
- All weather gear, change of cloths & underwear
- Toiletries, Towel, Toothbrush, Toilet paper, etc.
- Fly spray, Mosquito coils, Insect repellent

Please send in anything we missed so we can build up a really useful check list for future events. Mark, VK3BYY

2003 Vic Foxhunt Champs

Only one month till the 2003 Foxhunt Championships, **tentatively** planned for **Saturday 12th April** around **Bullengarook**, in the **Wombat State Forest**, West of Gisbourne.

Expect day & night hunts on 80m, 10m, 6m, 2m, 70cm, & 23cm. Volunteers to help run hunts will be gratefully accepted - we will provide the gear. Any constructive feedback will be welcomed. Regards, Ewen VK3OW.

ARDF Sun 16th March Cancelled

The event scheduled in the ARDF calendar for 16th March has been cancelled due to the overlap with John Moyle field day.

The next event on Sunday 13th April will be held in combination with Darebin Park Metro orienteering event. (From Bruce, VK3TJN)

To keep up to date, join the ARDF e-mail list in Melbourne, see: <<http://www.nerg.asn.au/ARDFlist.htm>>

2003 - F1 GRAND PRIX Special Event Station

For the eighth year in a row, EMDRC has used the Special Event callsign, VI3GP, during the 2003 Australian Formula One Grand Prix.

Operators rostered from home QTHs and the club rooms worked from 6th March until 11am Tuesday 11th March. A special QSL card will be available and is expected to be widely sought after. QSL to VK3ER via the Bureau or direct to P.O. Box 87 Mitcham, Vic 3132 Australia with self addressed envelope and sufficient return postage.

NERGS IN THE NEWS

Jim's special event station

Jim VK3DBQ featured in the WIA Victoria NEWS online this month after activating of the official WIA Australia Day station with special event callsign AX3WI. Jim used his shack for this event but unfortunately conditions were not the best and contacts were sparse.

WICEN coordinator in the hot seat

John VK3ZRV appears on the inside cover of AR magazine this month in a feature on the Australian summer wildfire. John is shown operating a self-contained briefcase station consisting of a power supply, Motorola trunking radio, headphones, and DTMF microphone (for remote control and making telephone calls).



ACA updates

The ACA has several changes in the pipeline of interest to amateurs:

1 – An embargo has been placed on frequencies 418.0875 - 420 MHz in Victoria in preparations for the Victoria Government’s new mobile radio system - the Metropolitan Mobile Radio (MMR) network - intended to provide communications for the State’s essential and emergency services. The Bureau of Emergency Services Telecommunications (BEST) is managing the MMR project.

BEST recently advised it is highly likely that the embargoed spectrum will be required for this system, in addition to spectrum in the adjacent 420 - 430 MHz band currently shared with amateurs, to meet the network’s capacity and performance objectives. Initially the network will cover a significant portion of Victoria and is planned to be operational in 2005, ultimately extending across the whole state. (news from ACA web site)

[It appears that several fixed repeater links around 421 MHz may be allowed to remain in service until that part of the band is required but general amateur activity will be excluded in the next year or two. Ed.]

2 – Electromagnetic Radiation (EMR) regulations are expected to be introduced in the next few months. Latest revisions do not appear to be significantly different to those reviewed last year.

INVITATION TO NERGS

WICEN @ OXFAM TrailWalker

NERGs are invited to take part or just come as visitors to see how WICEN handle communications for large events. The Trailwalker event will be held on the 4th to the 6th of April 2003.

Here is a good chance to see how WICEN works in the field – handy if you are thinking of joining WICEN or just want to be better prepared for emergency radio operations.

The Oxfam Trailwalker is an endurance event in which teams of four take on the challenge to complete a 100km trail within 48 hours. This year the course starts at the base of the Dandenong Ranges in Ferny Creek and makes its way to Marysville via the Dandenong Ranges National Park, Warburton Trail, Yarra Ranges National Park and the Marysville State Forest.

Teams from Australia and around the world compete, including the Australian Defence Forces, corporate, community and sporting teams. Money raised through team sponsorship goes to Oxfam Community Aid Abroad’s poverty alleviation and social justice programs around the world.

WICEN is providing communications for the event as it can handle the difficult and varied terrain using HF and VHF radio. It even has it’s own portable repeaters for the really difficult sections if necessary. WICEN is set up to use voice or packet radio for these kinds of events.

Oxfam Trailwalker started as a military training exercise run by the Queen’s Gurkha Signals Regiment in Hong Kong in 1981. The Gurkhas are still extremely competitive, having won the last 3 years at the Sydney event in only 12 to 15 Hours!

In just over 20 years Oxfam Trailwalker has become a major international fundraising event held in Hong Kong, the UK and Australia. The event has raised over \$30 million internationally with thousands of people competing each year. The event now raises \$1 million in Australia and is supported by more than 400 volunteers.

WICEN stations are located at each of the 10 checkpoints shown on the map. **Note points CP3, 7 & 9 do not have access for spectators.** The route and timings for the various check points is as follows:

- START Ferny Creek Primary School, Melways Ref 75 B3 School Road, Ferny Creek. Start time 1000hrs Friday 4 April 2003
- CP1 Olinda / Sassafras Senior Citizens Club, Melways Ref 122 A8 Olinda-Monbulk Road, Olinda. This point will be manned from 0800-1400hrs Friday 4 April 2003.
- CP2 Mt. Evelyn Reserve, Melways Ref 120 B3 Tramway Road, Mt. Evelyn. This point will be manned from 1100-1900 Friday 4th.

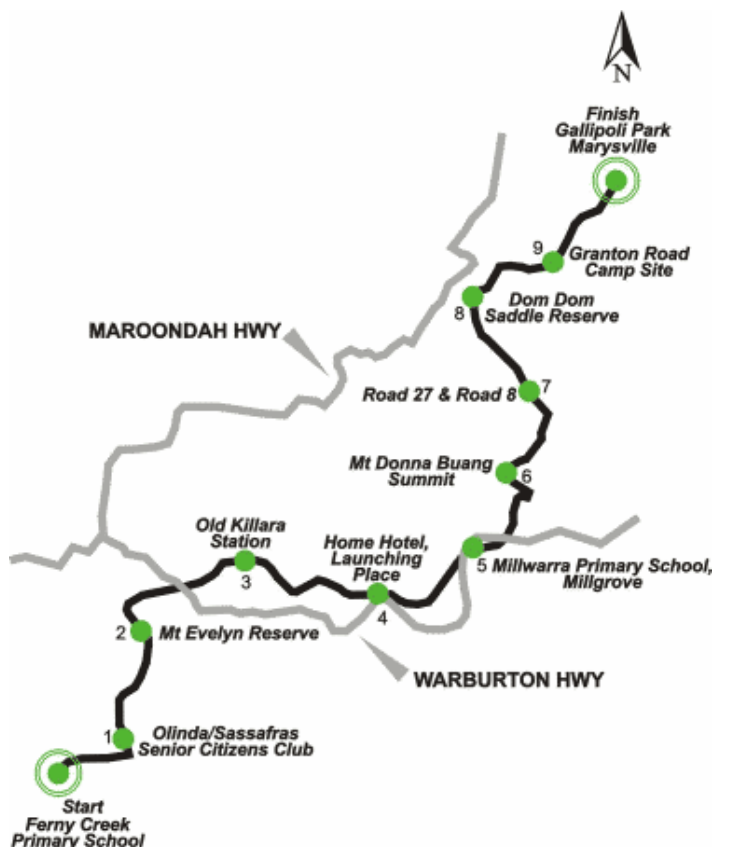
- CP3 Old Killara Station, Melways Ref 285 G5 Warburton Trail, Seville East (of Sunnyside Ave). This point will be manned from 1100-2200hrs Friday 4 April 2003. **NO PUBLIC ACCESS TO THIS CHECKPOINT.**
- CP4 Home Hotel, Launching Place, Melways Ref 287 H6 Warburton Hwy, Launching Place. This point will be manned from 1200hrs Friday 4th till 0600 hrs Saturday 5 April 2003
- CP5 Millwarra Primary School, Melways Ref 289 C4 Cavanagh Road, Millgrove. This point will be manned from 1400hrs Friday 4 April 2003 till 1200hrs Saturday 5 April 2003.
- CP6 Mt Donna Buang Summit, Juliet South 1:25000 Topographical Map Ref CU837257 Donna Buang Road, Yarra Ranges National Park. This point will be manned from 1500hrs Friday 4th till 1600hrs Saturday 5 April 2003.
- CP7 Intersection of Road 8 and Road 27, Juliet South 1:25000 Topographical Map Ref CU855318 Marysville State Forest. This point manned from 1600hrs Friday till 2200hrs Saturday **NO PUBLIC ACCESS TO THIS CHECKPOINT.**
- CP8 Dom Dom Saddle Reserve, Juliet North 1:25000 Topographical Map Ref CU801384 Maroondah Highway, Marysville State Forest. This point will be manned from 1800hrs Friday 4th till 0100hrs Sunday 6 April 2003.
- CP9 Granton Road Campsite, Juliet North 1:25000 Topographical Map Ref CU843402 Marysville State Forest, (Granton Road off Acheron Way) This point will be manned from 1900hrs 4th till 0600hrs Sunday 6 April 2003. **NO PUBLIC ACCESS TO THIS CHECKPOINT.**

FINISH Gallipoli Park, Juliet North 1:25000 Topographical Map Ref CU893475 Falls Road, Marysville. This point will be manned from 2200hrs Friday 4th till 1000hrs Sunday 6 April 2003.

Should you desire to take part in this activity you will be required to sign a Casual Emergency Worker Registration form before participating if you are not already a registered WICEN member.

Contact John on 9431 0667 or Carol on 5962 6098.

If you just wish to be a visitor, then make your way to the checkpoint of your choice and look for the tent with the communications sign and/or the WICEN banner and make your self known to the operator on duty. NERGs AndrewVK3HFT, Georgie, and John VK3ZRV and others will be manning the CP8 point at Dom Dom Saddle.



John Moyle – who was he?

The field day contest honours the late John Moyle VK2JU (sk) who was first licensed as an amateur radio operator in 1932. John was a very devoted WIA supporter and held several positions within the organization including President of the VK2 Division.

Why design LIPDs for 70cm???

Why is 433MHz such a popular frequency manufacturers of low power unlicensed remote control things like control and security devices? (also known as LIPDs in Australia). The reason may be found in an article on designing LIPDs in Microwave Magazine (Oct 2001). It's all to do with avoiding frequencies that may interfere with the LIPD receiver and cutting transmitter hardware to the bone.

Firstly, the "link budget" for LIPD systems means they have greatest range when using a band of frequencies between 410 – 470 MHz. There are LIPD bands around 413.3 MHz and in the amateur band at 433.050 – 434.790 MHz that fall in this "high efficiency" band.

Secondly, regulations in the USA and Europe restrict not only the power output of LIPDs at the designed frequency but also the strength of higher order harmonics. Unfortunately the harmonics of crude LIPD transmitters operating on many of the allowed frequency bands can end up interfering with TV broadcasts, space communications, and other restricted bands.

The 433MHz LIPD frequency band is one of the few that allows LIPD designers to radiate large harmonics without any of them falling into sensitive bands. This allows transmitters to be built without low pass filters, making the transmitter smaller and cheaper.

433 MHz is also desirable from the LIPD receiver's point of view as this frequency is not harmonically related to any low frequencies used by high power transmitters such as TV and FM broadcast transmitters. Even very small harmonics from those transmitters could swamp the LIPD receiver and render it useless. However this assumption don't hold true in Australia where 432MHz is a 2nd harmonic of TV Channel 11, 3rd harmonic of 2 meters amateur, 5th harmonic of Ch 3 TV and 7th harmonic of Ch 1 TV.

So there you have it – the reason why 433MHz was chosen for LIPDs is quite valid in the US. It's just a pity that the Australian allocation was forced on us by European and US manufacturers than by sound engineering principles (due to the different channel frequency structure here). As a result it looks likely that LIPD users may find that their devices don't work reliably anywhere near broadcast stations, and amateur repeaters will continue to be annoyed by LIPD devices operating in the 70cm band.

VK3RMH cactus

Some members have wondered what all the bits sticking out of the VK3RMH tower are. Here is a run down (top to bottom):

- 6m J-Pole – 6m FM repeater Receive
- 2m Vertical Folded Dipole – VK3RSR repeater
- 2m J-pole – VK3RSR repeater
- 4 dipole 70cm collinear array – 70cm FM repeater receive + transmit
- 10m stationmaster (1/2 wave vertical base fed) – 10m beacon
- Triangular thingy – 6m horizontally polarised beacon
- 6m J-Pole – 6m repeater Transmit
- 2m PVC special – 2m control receiver
- 70cm beam – repeater link
- Antennas yet to be added:
- Twin 70cm corner reflector or beams – IRLP link
- 23 cm beacon omnidirectional

Working the John Moyle contest

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 the right gear, and you can work more VHF/UHF stations in an afternoon than you'll hear in a year using just a handheld.

Working the JMFD quite simple:

- Answer a CQ or put one out yourself!
- Exchange QSL numbers and location,
- Log the time and numbers exchanged,
- Move off frequency to find another station.

Remember that many field stations can hear a lot of stations that you can't so be patient and keep replying to their CQs until you get through. You may also find that stations change rapidly from band to band or channel to channel. For instance a multi-operator station may have a 2m operator that alternates between 146.500 FM, 146.550 FM and 144.1 SSB so be persistent if they don't here you the first time.

The QSL number you send is of the format RSNNN where RS is the signal report in RS(T) convention, and NNN is a sequence number starting at 001 (eg 59061). RS is traditionally 5&9 in contests to simplify confirmations. Contest stations will appreciate it if you give your location as QTH, your suburb or full Grid Number (i.e.QF22HP).

The contest is divided into 3-hour block, starting from midday. You can work a station once on each band during each 3-hour block. (or twice if you use CW and Speech modes). If you have all bands then you could work VK3CNE 10 times every 3 hours (or 20 times if you work CW as well as voice!).

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.

For a full copy of the rules see <http://www.nerg.asn.au/JMrules03.pdf>



The boys playing radio at the VK3CNE 2000 field day

Are you radio-ready?

(from APC NEWS)

The recent bushfires and talk of terrorism have got more people thinking about their emergency preparedness. Given the role of WICEN and radio amateurs in the former, it is probably worth asking yourself "Are you radio ready?"

If you were given 10 minutes to set up a portable station and get on air, would you be able to do so?

Or, would you still be looking for that tiny but important thing-a-ma-bob connector, and/or have no power in the batteries?

Some ideas on portable stations are provided in a website we came across recently. KBIDIG and KBIGTR have packaged a VHF transceiver, SWR meter, clock and other accessories in a lightweight but rugged box that can be taken anywhere.

There is also room for vital, but often forgotten items such as useful contact numbers, information on emergency operating procedures,

frequencies, message forms, repeaters, etc. For the antenna, a 5/8th whip on a magnetic base with an oven tray ground-plane is recommended. This should be positioned near a window.

If you're interested, further details appear on the web at:

<http://home.attbi.com/~buck0/combox.htm>

(p.s. If a briefcase is too small, consider using an old IBM-PC case to house radios and batteries. The power supply can be modified to power radios, charge batteries, and the fan keeps things cool Ed.)

STATIC

Is It Legal to Talk'n'Drive?

Whilst Victorian road rule r.300 (part 2) says it is legal to hold and talk into a two-way radio microphone when driving, you can't always assume the law enforcers have caught up with this change. Recently an amateur was heard to say that he had been pulled over and issued with a fine for talking into a mobile phone, when in fact it was his 70cm FM radio. This leaves us with the dilemma of whether you inform the officer about the new regulations (running the risk of being seen as a smart arse and incur some other fine), or wait till the bill arrives and hope they will take your word that it wasn't a mobile phone and have the fine annulled. It may still be wise to keep microphones out of sight!

2003 EVENTS

Hamfests Overload!

Hot on the heels of the Healesville and Wyong (NSW) events, at least another three hamfests are scheduled for March/April – more than enough for the most dedicated scroungers!

Look out for the EMDRC, Bass IRLP group, Midland, and Moorabbin hamfests (11th May) where you may find all sorts of new and well loved goodies. Details in the Calendar section below.

GIPPSTECH 2003

The Gippsland Technical Conference focuses on matters of interest to VHF, UHF & microwave active (or interested) amateurs on the weekend 5 and 6 July.

FIRST CALL FOR PAPERS - Amateurs (& others) are invited to submit titles and outlines for topics to be presented at GippsTech2003. Presentation can be between 5 minutes to 1 hour. Anything longer you will need to justify!! Presentations can be formal or informal, or display. A lecture theatre is used for the formal presentations. Displays are open during coffee/tea breaks and after lunch.

The conference is held in Churchill about 170km east of Melbourne. Further details can be found at the Eastern Zone Amateur Radio Club web site at: <http://www.qsl.net/vk3bez/> (guide only - yet to be updated) Peter, VK3KAI, Chair Organising Committee, phone: 03 5122 6416 or 03 9902 6416, email peter.freeman@sci.monash.edu.au

2003 Calendar

- Mar 15/16 John Moyle Field Day contest**
12 to 12, 3 hour blocks, CW/SSB, NERG's at Mt Macedon, end of Lion's Head Road.
- Mar 23 EMDRC White Elephant Sale (Sunday)**
This is one of Melbourne's largest Hamfests. Great Ryrrie Primary School, Great Ryrrie St Heathmont. Melways 49-K11, \$5 entry. Info Peter VK3DI 9720 8874 or see <http://www.emdrc.com.au>
- March 30 Bass Amateur Radio IRLP Group Hamfest**
10am, Sunday, Boneo Cricket Grounds, Cnr. Bone & Limestone Rd, Boneo. \$4 entry. Food & drink avail. Contact: Graham VK3JBO (03) 5982 0315.
- April 12 Victorian Foxhunt Championships (tentative date)**
Vehicle based transmitter hunting. HF + VHF +UHF. All welcome. Wombat State Forest - Near Gisbourne. Info: Ewen VK3OW, (03) 9434-6071
- April 25 Harry Angel Memorial Sprint**
1100-1246Z Friday. 106 minutes of contest on 80m to remember VK's oldest amateur (age 106 years!)
- April 27 Midland Convention (hamfest)**
10am-3pm, Sunday, St Mary's Hall, Cnr. Hargreaves &

Lyttleton St., Castlemaine. \$8 adults, \$5 Concession. Contact: Judy VK3AGC (03) 5423 2409

- May 11 Moorabbin Hamfest**
- May 22 WIA Vic Division AGM and elections**
- May 24 VK/trans-Tasman Contest**
6 hour 80m SSB VK-ZL contest.

NERG MEMBERSHIP LIST

Callsign order this time!

*New or changed Callsigns/New Members

Callsign	Name
Novice student	Chris Smith
Novice student	David Battle
Novice student	Heather Hyatt
Novice student	James Battle
Novice student	John Flanery
Novice student	John Smith
Novice student	Sarah Bembrick
?	Frank Ruzzene
?	Peter Tadich
SWL	Tony Gilbert
VK3BGE	Ian Watson
VK3BIZ	John Kent
VK3BYY	Mark Harrison
VK3CHR	Chris McLaughlin
VK3CKH	Chris Harris
VK3CNV	Steve Wallace
VK3DBQ	Jim Baxter
VK3DTC	Frank Talbot
VK3DU	Peter Cosway
VK3ERB	Robert Beacham
VK3EWM	Gerhard Koziol
VK3EXL	Rey Reyvellier
VK3GFW	George Wilson
VK3HBK	Betsy King
VK3HFT	Andrew Weir
VK3JMB	Dave Pictor
VK3JNH	Stephen Warrillow
VK3JSA	Joe Amore
VK3JSE	Stephen Earp
VK3JWZ	Bruce Renn
VK3KDT	Don Haslam
VK3KJI	Christine Koziol
VK3LI	Mark Bateup
VK3LSB	Scott Bembrick
VK3LXB	Laurence Billson
VK3MGP	Michael Philips
VK3MH	Brendan Bryant
VK3JPK *	Alan Marr
VK3MZ	Ian Stirling
VK3THY	David Aston
VK3VOJ	Marg Baxter
VK3VT	Greg Williams
VK3XH	Charles Hyatt
VK3XXX	Mark Beacham
VK3ZRV	John Weir

Email queries and updates for the membership list to: Mark Harrison, vk3byy@alphalink.com.au

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	Dave Pricor	VK3JMB	9465 9708
	Peter Cosway	VK3DU	9379 3626
Social Sec.	Don Haslam	VK3KDT	9439 1102
Repeaters	Mark Harrison	VK3BYY	9435 3043

Meetings

2nd Thursday of each month at 7.45 PM (excepting Dec. & Jan.)
Greenhills Community House, Yandell Reserve, off 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 <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 635

6m beacon VK3RMH CW 10 Watts 50.295 MHz – Soon!

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 (btwn. 7.30-9.30 p.m. please)

post: 266 Nell Street West, Watsonia, 3087

email: vk3byy@nerg.asn.au



NERG

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

MEETING this week

7:45 PM Thursday 13th March 2003

This Month – Mark VK3PI – on Emergency Comms, Fires, and other interesting things

2003 CALENDAR (NERG ACTIVITIES IN BOLD)

March 13th	NERG Meeting – 7.45pm – Mark VK3PI
March 15/16th	*** John Moyle Field Day weekend – Annual NERG expedition to Mount Macedon
March 23 rd	Hamfest: EMDRC –10:30am Sunday, \$5 entry. Great Ryrie Primary School, Cnr. Great Ryrie & Kitson Streets, Heathmont (Melways 49 K-11)
March 30 th	Hamfest: Bass IRLP Group, Sunday, Boneo Cricket Grounds. Food and refreshments.
April 12 th	Victorian Foxhunt Championships (Saturday – tentative date) - Wombat State Forest
April 10 th	NERG Meeting – 7.45pm
April 17-21 st	EMDRC VK3QI/VK3WWW/VK3ZZ etc DX-Pedition
April 27 th	Hamfest: Midland convention, 10am Sunday, St. Mary's Hall, Castlemaine
May 22 nd	WIA (Victoria) AGM and elections