



**JULY 2007**

NERG Inc.  
PO Box 270  
Greensborough  
Victoria 3088  
[news@nerg.asn.au](mailto:news@nerg.asn.au)

**WHAT'S ON IN JULY**

Ewen Templeton VK3OW / P29VOW will speak this month about his recent trip to P29 (otherwise known as Papua New Guinea), and his experiences meeting the locals and assisting with the mission's radio network.

Also, don't forget the new coffee shop nights on the fourth Thursday night of each month. This month featuring a quick look at reprogramming the venerable AWA RT85 UHF "taxi" radio for the 70cm amateur band.

As usual, all members and visitors are invited to supper afterwards.

73, Mark Harrison, VK3BYY, NERG NEWS Editor

**NEXT MEETING:** The August meeting is scheduled for Thursday 9<sup>th</sup> August 2007, starting 7:45pm at the Briar Hill Community Hall, 126 Mountain View Rd, Briar Hill, Melways 21 C3.

**NERG DINNER - SATURDAY 28<sup>TH</sup> !  
CHRISTMAS IN JULY**



Saturday 28<sup>th</sup> July is the date of the NERG Christmas in July Dinner, commencing at 6:30pm at the Briar Hill Hall.

The menu will include Roast turkey & lamb, ham on the bone, roast vegetables, peas, beans and gravy; with a traditional plum pudding and brandy sauce to follow (let us know if you need alternative meals).

All NERGs, family, and friends are invited.  
Tickets \$25/head (children 12 & under 1/2 price)

**Bookings are essential for this very popular dinner - you won't want to miss out on the famous VT pudding.**  
Call Greg Williams VK3VT on 9432 0563 or e-mail.

# NERG NEWS

Incorporated 1985 in Victoria, Australia  
Reg No A0006776V - <http://nerg.asn.au>  
Affiliated with the Wireless Institute of Australia

## JULY 2007

### NEXT MEETING

7:45PM Thursday 12<sup>th</sup> July  
Ewen VK3OW visits P29



**Next Coffee Shop night:  
Thursday 26<sup>th</sup> July**

### DÈJÀ VU – THE JUNE MEETING

Last month Chris Long, VK3AML, presented a very interesting and educational lecture on Light Beam Communications to the NERG. Chris began experimenting with light beams from a very young age and his presentation covered some of this history and that of his co-experimenters.

Chris discussed the reasons why lasers aren't much good at long distance communications and why light emitting diodes with large Fresnel lenses work much better.

The 5 Watt LED in Chris's equipment produced a remarkably bright red spot appear on the opposite wall when demonstrated. The spot was well defined in shape, equivalent to the size of the optics, with little divergence over the relatively short (~10m) path.

Much of the presentation is recorded in a PowerPoint CDROM (with narration!). It may be borrowed by NERG members.

June also saw the first of our regular "coffee shop" meetings and was well attended by both newcomers and long standing members. Read more about this later in this newsletter.



### The NERG appeal

NERG is seeking donations to establish an Amateur Radio Communications and Training centre. The centre's aim is to

provide courses that will provide complete training in Radio and Electronics to all interested people. Age is no barrier; we train prospective Amateurs from school age through to folk in their 80's, with retirees often seeking involvement in a community based hobby. Funds will be used to purchase teaching aids and radio equipment used in the classes.

*Banyule Gives* is a service that manages the donation process for

community groups in the Banyule Council region. See more at: <http://www.ourcommunity.com.au/banyulegives/nerg>

## NERG FOUNDATION LICENCE TRAINING

Starts Saturday 14th & Sunday 15th July 8:00am at the Briar Hill Community Hall. NERG will conduct exams for other licence grades too – book with John VK3ZRV on 9431 0667.

## THE GAINFULLY UNEMPLOYED GROUP

The June meeting was held Tuesday, 26 June, at the QTH of Greg, VK3VT.

Those present, apart from our affable host, were Jim VK3KE, Dave VK3JMB, Ian VK3XIJ, Steve VK3JSE, John VK3ZRV, Gerhard VK3EWM, Ernie VK3FM and George VK3MKK. As things stand, a full house.

Following standard practice, discussion covered many and varied subjects, which all attendees contributed to, more or less equally. I say more or less equally; it must be stated that Steve remained stoic in the face of so much irrelevant information cheerfully passed around the table, and George really only offered input when he had something sensible to contribute, totally against the mood of the group. We have hope that both will improve with age and experience.

Greg, as always, provided a lovely table, with 'home made' party pastries (I am assured that, at least, the sauce was definitely home made), a lovely vegetable soup, grilled marinated chicken pieces and baked pork slices, with special fried rice, all complemented with the usual assortment of sauces and condiments, dinkum home made fresh bread, and a variety of nibbles and cheeses that kept all and sundry relatively quiet for long periods of the day. Tea and coffee were cheerfully provided upon (many a) request. A lovely meal.

**The next meeting of the group will be at the home of Dave VK3JMB, on 24 July, at 10.00 am.**

Everyone is welcome, and encouraged to attend if they have a few spare moments in their calendar.

Regards – Ernie Walls VK3FM  
vk3fm @ wallsy. com. au

Listen out on the NERG chat channel of 146.575 MHz during the day for directions and for the latest rare DX spots.

## COFFEE SHOP SESSIONS

The NERG committee recently decided to make use of alternate meeting nights at the NERG hall on each 4th Thursday of the month (**The next being Thurs 26 July**).

The theme of these additional meeting nights is for a more relaxed "coffee night" atmosphere where all club members and friends can come along with an article for "show and tell" or a problem that needs solving.

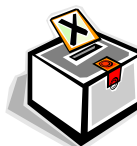
The first coffee shop held last month was well attended with Greg VK3VT demonstrating the VKCL contest logging program together with some other home grown "secret weapons" hooked up to his ICOM 706 HF radio. There was also a fair bit of discussion on more traditional methods of logging for the up-coming RD contest in August.

On these alternate nights we will have many willing helpers that are adept in putting the smoke back in the radio where it belongs. It may not be strictly radio, it may be a confusing computer or other electronics problem, and by raising it, other club members may benefit from the ensuing problem solving exercise. Of course we can give no guarantees that a solution will be found, but it will be fun trying.

In addition to "open" sessions, there will be occasional short talks and demonstrations on a variety of subjects. Keep an eye on the NERG calendar for these events.

(Apologies but no pizza's on these nights, however hot drinks and bickies will be available!)

## NERG AGM - NOMINATIONS FOR OFFICE



The NERG Annual General Meeting and NERG executive and committee elections are scheduled for 8pm Thursday 9th August, 2007. Nominations for office and committee positions will be accepted from all financial members but must be (a) made in writing and

signed by two members of the Association and accompanied by the written consent of the candidate; and (b) posted to the NERG Secretary (P.O. box 270, Greensborough, 3088) postmarked no later than the close of business on the 2nd of August 2007. A candidate may only be nominated for one office or as an ordinary member of the committee prior to the annual general meeting. Nominations will be taken at the AGM to fill any positions without nominees.

## WEB OF THE MONTH



## VK Contest Club

[www.vkcc.com](http://www.vkcc.com)

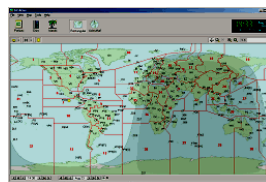
This very nicely done web site belongs to the VK Contest Club, a national organisation for all contest minded hams in Australia. The web site has references for all VK region contest dates, rules, and results. There are also lists of VK records and records set by Australians in International competitions. Membership to VKCC is free.

## Software for Hams

[www.netvampire.com/ham/](http://www.netvampire.com/ham/)

from Alex Shovkopyas, VE3NEA

Alex has developed several computer programs to help with DX operations. All software is shareware with a 30-day trial, and is designed to run on even the most basic ham shack computer.



### DX Atlas (Shareware)

Displays DXCC and province prefixes, CQ and ITU Zones in the rectangular and azimuthal projection, continuous zoom and scrolling, Gray Line, city and island index, unique hierarchical prefix

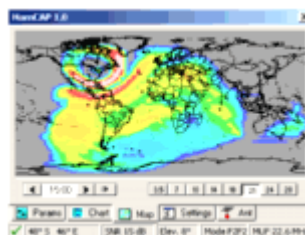
database. Integrates with 3rd party programs.



### Band Master (shareware)

Band Master is a program that downloads DX spots and displays them in different ways, including a graphical band map. It can be used as a stand alone application or link in to logging and contesting programs. Other features include Rig control, country resolution, azimuth/distance calculator, online QRZ lookup, propa-gation prediction and geographical mapping via HamCap

& DX Atlas.



### Ham CAP (freeware)

Plots ITS propagation numerical predictions and works with DX Atlas and IonoProbe to provide a comprehensive HF propa-gation prediction tool for Ham Radio.

*\* NERG does not necessarily endorse or recommend web sites or software products mentioned in items in Web of the Month.*

## CONTESTING IN AUSTRALIA

Amateur radio contesting involves trying to contact as many other stations as possible in a fixed period of time. Contests are conducted by clubs, organisations such as the Wireless Institute of Australia, magazines and interested individuals.

There are a number of contests run in Australia and these include (not an exhaustive list):

- The Remembrance Day Contest;
- VHF/UHF and the John Moyle Field Days;
- The Ross Hull Contest;
- Oceania DX Contest;
- Trans Tasman Contest, and several others.

One that a lot of amateurs cut their teeth on is the Remembrance Day Contest (The RD) this is run on the weekend closest to the 15th August each year (Victory Pacific Day) and is held to remember those amateurs that gave their lives during WW2. While certificates are given for top scores in each category in each state, this has also been an interstate contest with much rivalry in the past. With the passing of the state divisions of the WIA this may reduce. It is considered by most participants as the "friendly contest" and this should be kept in mind as you operate!

The rules for most of these contests can be obtained from the WIA website (Look under "Awards and Contests"). It is handy for anyone participating in the contest to know and understand the rules. Many operators chose to just "hand out a few numbers", helping along the contest. Their understanding does not have to be as in depth as the keen contesteer.

Usually some form of exchange of information in addition to callsign and signal report is required. Most Australian contests require a serial number to be exchanged. This usually starts at 001 and is incremented for each contact; many contests do not require a signal report. The rules may allow for stations to be worked multiple times - after two hours since the last contact in the case of the RD or once in each three hour block in the case of the John Moyle Field Day. All operators participating in the contest should keep a log and for those that are going to operate on more than a casual basis, have available some form of checking for stations already worked and a list of when they can be worked next. For the casual operator, a ruler or card can be placed on the log sheet which covers entries older than the rework time - just don't rework anyone whose callsign you can see! For others a paper system can be devised to keep track of contacts and prevent duplicate contacts or 'dupes' as they are known.

Remembrance Day Contest - 1999		VHF Dupes Sheet	
A			
B			
C			
D			
E			
F			
G			
H			
I			
J			
K			
L			
M			
N			
O			
P			
Q			
R			
S			
T			
U			
V			
W			
X			
Y			
Z			

INSERT SUFFIX AND TIME OF NEXT CONTACT FOR EACH STATION IN THE APPROPRIATE ROW.  
E.G. VK3ABC WORKS 1000-11:30Z - INSERT AID 1720 IN ROW 'C'

Typical Dup-sheet for VHF/UHF contests.

The HF sheet often has column headed VK1, VK2, and so on.

An example of a dup sheet appears above. The idea is to index the row with the last letter of the callsign and write the callsign of the station in the appropriate rectangle followed by the time at which they

can be contacted again. Some operators put the time they worked the station but this means you have to do the addition every time you check the sheet. I prefer to do the maths once and then just compare the time. So for the RD contest where you had worked VK3CNE at 0800Z the entry in the "E" row would look like this:

E	CN 1000
---	---------

I do not to write the "E" on the end of the call as it is implied by the look up, nor do I write the "3" as that can be assumed - others chose to write the complete call. If you then worked VK5EE at 0815Z then the "E" row would look like this:

E	CN 1000, 5E 1015
---	------------------

This means that if you hear 3CNE or 5EE on the air, you can quickly check the dup sheet and see that you can work them after 1000Z and 1015Z respectively. Alternatively, you could keep each state prefix in a separate column of the dup sheet. Use a pencil to write in the time so that when things are a little slow you can work your way through the sheet and erase the times as they pass. Of course you enter a new time once you work the station again.

One of these "Dupe Sheets" is used for each band. I found it helpful to write the band in very large letters with a highlighter to make it stand out late in the contest when I was getting tired. For 10 Metres and VHF you may choose to use one for SSB and one for FM as contacts can be made on both modes. An alternative would be to use some form of indicator on the one sheet, perhaps colour or adding an S or F after the time.

An example of a log sheet can be found on the NERG web site ([www.nerg.asn.au](http://www.nerg.asn.au)) and it is reasonably self explanatory. As is normal amateur practice the time should be in Zulu (GMT) and shown as such on the log sheet.

There are several logging programs available specifically for the various Australian contests, the best that I have found is VKCL by Mike Sunboz VK3AVV and is free from Mike's website at <http://web.aanet.com.au/mnds/>. VKCL has the ability to read the operating frequency from the rig, if you have an appropriate interface. This saves you from the very common error of logging stations on the wrong band. If you are planning on jumping between HF and VHF/UHF sections of the contest then you should have two copies of this software running simultaneously on the computer.

Another program is available from John Drew VK5DJ at [vk5dj.mountgambier.org/Amateur\\_radio.html](http://vk5dj.mountgambier.org/Amateur_radio.html)

If you have several callsigns and plan on using them all in the contest - this program allows for up to three callsigns and allows you switch between them and between HF and VHF sections for each, it does not have a rig interface. Both these programs will complete callsigns for you in the RD contest, so you would enter 3CNE and they expand it to VK3CNE, however neither programs provide keying for CW operators.

For a full featured program for international contests have a look at N1MM Logger at <http://pages.ctime.net/n1mm/>

The information given here is derived from the NERG coffee night held on Thursday 28th June 2007 and is provided by Greg VK3VT.

Other useful links:

- \* USB ICOM Radio Interfaces from PIEXX Computer and Electronics; they have Kenwood too: <http://www.piexx.com>
- \* OMNIRIG - this is software that is used in VKCL to communicate with your rig. <http://www.dxatlas.com/omnirig/>

## HOW TO TELL THE SEX OF A FLY

A woman walked into the kitchen to find her husband stalking around with a fly swatter.

"What are you doing?" She asked.

"Hunting Flies" He responded.

"Oh.. Killing any?" She asked.

"Yep, 3 males, 2 Females," he replied.

Intrigued, she asked. "How can you tell them apart?"

He responded:

"3 were on a beer can, 2 were on the phone."

## 2006 RD CONTEST RESULTS

Results for the 2006 Remembrance Day contest have been published on the WIA web site.

NERG entered this contest as a multi-operator station as VK3CNE from the NERG hall in Briar Hill. The station was run primarily as an introduction to contesting for our newer members, and to test out some new radios.

Using a brand new radio and antenna system took some getting used to, reflected in the score of only 33 points (the winner, VK5BP, making 654!). The NERG YL's fared better on the VHF/UHF radio with a score of 170, finishing in the top half of the overall entries.

NERG president Greg, VK3VT, finished well within the top 20% of the field as a VHF Phone Single Operator at home.

## 2007 REMEMBRANCE DAY CONTEST 11-12 AUGUST

The "Remembrance Day Contest" for 2007 will be held for 24 hours commencing at 0800 UTC (6pm local) on Saturday 11th August 2007 finishing at 0800 UTC on Sunday 12th.

The NERG intends running a station at the NERG Hall again this year under the club callsign VK3CNE. We'd like to encourage newcomers to amateur radio and those that want to gain some experience in radio contests to come along and give it a go. The NERG station will run from 6pm Saturday night until midnight.

More details next month....

## 2007 VK/ TRANS-TASMAN CONTEST FINISHES THIS MONTH WITH 160M CW

The VK/Trans-Tasman series of contests wraps up for 2007 on Saturday 21 July with the 160m CW event.

It runs for 5 hours (for CW) in 1 hour stages - long enough to be interesting without being too arduous, and providing constant activity, with stations being reworked each hour. The only thing asked is that you take the time to submit your log (even if you don't think you'll win). This is essential to make it all worthwhile, and to ensure the on-going success of the contest. Contest logging programs such as VKCL or VK4SN's Excel spreadsheet simplify the calculations of scores.

Rules are published in regional AR magazines, and are available on the contest website: <http://home.iprimus.com.au/vktasman>

## VK5VF BEACON RELOCATION

All VK5VF beacons went off the air at 0215UTC 23/6/2007 and the site decommissioned/pulled down by 0430UTC after 42 years of continuous operation from Mt Lofty (albeit with minor outages due to the 83 Ash Wednesday fires and various lightning strikes!).

Those in attendance were Mark VK5AVQ (6M & 2M Beacons), Colin VK5ACE (70cm Beacon), Charlie VK5KDK (2M Morse Practice Beacon), David VK5KK (23cm + Beacons). It was good to see all members of the team who have looked after VK5VF for a fair part of its life up there, for some approaching 30 years of service!

The shut down was prompted by TX-Australia's upgrade works at the broadcast site, requiring demolition of the beacon hut.

The VK5VF team has been looking for a new location for the Microwave beacons as all the trees have now grown back after Ash Wednesday giving poor take off to the East and South East. Fortunately amateurs are a resourceful lot and are looking at options for the VK5VF beacons to return to operation from one or two new locations in the near future.

VK5VF news via David VK5KK

## VK5RSE BEACONS BACK ON AIR

Meanwhile, Col VK5DK has fixed the 70cm and 1296 MHz beacons on Mt Graham (near Millicent in S/E South Australia). Beacons on 144.550, 432.550 and 1296.550 are now fully operational.

## FRIDAY NIGHT TRANSMITTER HUNT

This month's hunt will be run by VK3YDF on Friday 20<sup>th</sup> July.

Check the web for details at [www.ardf.org.au](http://www.ardf.org.au)

## VIC. ARDF CHAMPIONSHIPS

The annual Victorian ARDF Championships are being held this year in conjunction with the Sunday Series bush orienteering event in Paradise.

The event will be a 5 transmitter ARDF course. Beginners are more than welcome!

Type: RadiO - Bush

Date: Sunday, 12 August 2007

Event: Victorian ARDF Championships

Melways/VicRoads: Map 609 E12

Courses: 5 transmitter ARDF event

Maximum course time: 2 hours.

Start Times: Staggered starts from 10:30am - 12pm.

Cost: VOA: \$8 senior, \$4 junior, \$20 family.

Non-VOA: \$12 senior, \$6 junior, \$30 family.

Extra \$2 to compete in both RadiO and main orienteering event.

Start: Take the Blackwood exit from the Western Freeway (near Pykes Creek Reservoir). Follow the Myrning-Greendale Road for 6km, then turn right at Greendale and follow "O" signs to the start (for approximately 15km).

Setter: Mark Diggins, VK3JMD

## 2007 ARDF/FOXHUNT CALENDAR

Events from the ARDF web site - check for updates and further details at [www.ardf.org.au](http://www.ardf.org.au) and [www.melbfox.com.au](http://www.melbfox.com.au)

FoxHunt = Friday night or weekend daylight mobile hunt.

RadiO = a simplified direction finding competition usually held at an orienteering event.

Bush = Bush orienteering event.

Inter = International event.

Type	Date	Event	Map
Bush	Sat, 7 July	NSW Orienteering Champs	Dubbo
Bush	Sun, 8 July	Aust. Orienteering Champs - Dubbo Dash	Dubbo
Bush	Tue, 10 July	Aust. Orienteering Champs - Western Plains 1	Dubbo
Bush	Thu, 12 July	Aust. Orienteering Champs - Western Plains 2	Dubbo
Bush	Fri, 13 July	Aust. Orienteering Champs - Schools Relay & Model	Dubbo
Bush	Sat, 14 July	Aust. Orienteering Champs - Long Distance	Dubbo
Bush	Sun, 15 July	Aust. Orienteering Champs - Relay	Dubbo
RadiO	Sun, 12 Aug	Victorian ARDF Championships	Victoria
Inter	Sat, 18 August	Friendship Radio Games - 2007	US Portland
Inter	Fri, 14,15 & 16 Sept.	Region 2 ARDF Championships	US Lake Tahoe
Inter	Sat, 6 Oct.	Oceania DX Contest	
Inter	Sat, 27 Oct.	CQ Worldwide Contest	
Bush	Sat, 27-28 Oct.	Rogaining Vic Champs	

- ★ **Gourmet Pasta**
- ★ **Traditional Italian dishes**
- ★ **Relaxed and friendly atmosphere**
- ★ **Comprehensive wine list or BYO wine**
- ★ **Live music most nights**

**Proud sponsors of NERG suppers - making our meetings even more enjoyable !**

*Check out the entertainment and special events such as wine nights at Di Riccardos web site:*

**[www.margheritas.com.au](http://www.margheritas.com.au)**

## 2007 AMATEUR RADIO EVENTS

9-10 June Mt Gambier Convention and National Foxhunting Championships, South East Radio Group, Queen's Birthday Weekend

### JULY

- 14 Jul Jack Files Contest, CW/SSB  
14-15 Jul IARU HF World Championships  
21 Jul VK/trans-Tasman Contest 160m CW 08-14 UTC. Submit logs by 15 Aug!  
28 Jul Waitakere Sprint,NZART(NZ,VK,Oceania)SSB

### AUGUST

- 04 Aug QRP Day, CW/SSB/FM/PSK31  
04 Aug Waitakere Sprint,NZART(NZ,VK,Oceania)CW  
18-19 Aug International Lighthouse/Lightship Weekend  
11-12 Aug Remembrance Day Contest, Australia  
25-26 Aug 27<sup>th</sup> ALARA HF CW&Phone contest, not just for YL's! Runs 6:00UTC-12:00UTC See [www.alara.org.au](http://www.alara.org.au) for rules

### SEPTEMBER

- 1-2 Sept All Asian DX Contest, SSB  
1-2 Sept IARU Region-1 Filed Day  
29-30 Sept CQ-WW RTTY DX Contest, RTTY!

### OCTOBER

- 06-07 Oct Oceania DX Contest SSB  
13-14 Oct Oceania DX Contest CW  
20+21 Oct - The 50th Jamboree On The Air (JOTA) involves 500,000 Scouts and Guides worldwide contacting each other.

### NOVEMBER

- 17-18 Nov Spring VK-VHF/UHF field day (note new date!)  
22 Sept Westlakes Cup  
26 Dec - 2008 Ross Hull Memorial Contest

*NOTE: please confirm details closer to the posted dates! UTC dates may be used for International events. Gathered from AR Vic, WIA, ARRL, various clubs, and the VK Contest Club ([www.vkcc.com](http://www.vkcc.com))*

**The NERG Inc.** RegNo 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	John Weir	VK3ZRV	9431 0667
Treasurer	Marg Baxter	VK3VOJ	9467 1253
Committee	Betsy King	VK3HBK	
	David Aston	VK3THY	
	Peter Cosway	VK3DU	9379 3626
	Don Haslam	VK3KDT	0409 024 597
Repeaters	Mark Harrison	VK3BYY	9435 3043

**Meetings**

2nd Thursday of each month at 7.45 PM (excepting Dec. & Jan.)  
Briar Hill Community Hall, 126 Mountain View Road, Briar Hill  
(Near Sherbourne Road intersection) Melway map ref 21-C3

**Classes**

NERG occasionally runs classes and exams for Amateur licences

**Callsigns and Repeaters (25km North East of Melbourne)**

Club call - VK3CNE <http://www.nerg.asn.au/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

10m bec'n VK3RMH CW 20Watts 28.2565 MHz

**Packet Radio VK3CNE2m 144.700 MHz, 1200 bps**

**VK3CNE-1 for mail etc; VK3CNE-7 for the DX Cluster.**

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

post: 266 Nell Street West, Watsonia, 3087

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



**NERG**

North-East Radio Group VK3CNE

NERG Incorporated 1985  
BOX 270 GREENSBOROUGH VIC 3088

STAMP

**NEXT MEETING:**

**7:45pm Thursday 12<sup>th</sup> July 2007**

**Topic: Ewen VK3OW visits P29**

**2007 CALENDAR (NERG ACTIVITIES IN BOLD TYPE)**

**July 12**

**NERG monthly meeting, with Ewen VK3OW talking about his recent trip to P29**

July 21

Gippsland Gates Hamfest, Cranbourne Community Hall, Melway 133 K4, 6\$ entry, 10 a.m.

July 21

VK/Trans Tasman 160m CW Contest

**July 24**

**Tuesday morning group**

**July 26**

**NERG Coffee Shop night – with a quick look at reprogramming the AWA RT85 for 70cm**

**July 28**

**Christmas in July NERG Dinner**

**August 9**

**NERG meeting – ANNUAL GENERAL MEETING**

**Aug 11-12**

**Remembrance Day Contest (6pm-6pm) – VK3CNE operating from NERG Hall, Sat 6-12pm**

Aug 18-19

International Lighthouse and Lightship Weekend (illw.net)

**August 23**

**NERG Coffee Shop night**

**August 28**

**Tuesday morning group**