

BARG News



Official Newsletter of the Ballarat Amateur Radio Group Inc. # 6953T
ABN 44 247 200 143

VOLUME 31 ISSUE 11 November 2008



| | | |
|------------|---------------|---------|
| President: | Doug Raper | VK3VBA |
| Secretary: | Doug Ellery | VK3FDRE |
| Treasurer: | Peter Pollard | VK3FPOL |

NEXT MEETING - FRIDAY November 28, 2008
At 7.30 pm

Contacting us

You can write to the club at the address below, or e-mail the secretary.

The Secretary : B.A.R.G. Inc.
Box 1261
Mail Centre
Ballarat. Vic. 3354.

Or E-Mail: vk3bml@barg.org.au



BARG Inc. Life members

| | |
|-----------------|--------|
| Kevin Hughes | VK3WN |
| Ian McDonald | VK3AXH |
| Charlie Stewart | VK3DCS |
| Bob Terrill | VK3BNC |
| Jim Wright | SK |
| Norm D'Angri | VK3LBA |
| Phil Seddon | |
| Stan Widgery | SK |
| Gordon Cornell | VK3FGC |

CLUB INFORMATION

REPEATERS and BEACON

D—STAR

| CALLSIGN: | MODE: | FREQUENCY: | TX OFFSET: | USER SETTINGS |
|------------------|---------------|-------------------|-------------------|------------------------------------------------------|
| VK3RBA A | Digital Data | 1298.700 MHz | Nil (half duplex) | URCALL: VK3RBA RPT1: VK3RBA A RPT2: not in use |
| VK3RBA B | Digital Voice | 439.9875 MHz | -5.0 MHz | URCALL: CQCQCQ RPT!: VK3RBA B RPT2: not in use |

| | | | |
|--------------|----------------------------------------------------------|-------------|---------------|
| VK3RBA (UHF) | (70 cm Voice Repeater (Uses CTCSS of 91.5 Hz to access)) | 439.275 Mhz | Mt Buninyong |
| VK3RBA (VHF) | (2 m Voice Repeater) | 146.750 Mhz | Mt Buninyong |
| VK3RWA* | (2 m Voice Repeater) | 147.100 Mhz | Mt Ben Nevis |
| VK3RPC | (2 m Packet Repeater) | 144.750 Mhz | Mt Warrenheip |
| VK3RBU | (70 cm Voice Repeater) | 438.475 Mhz | Mt Hollowback |
| VK3RMB | (70 cm Beacon) | 432.535 Mhz | Mt Buninyong |
| VK3RBU-1 | (2 m APRS Repeater) | 145.175 Mhz | Mt Hollowback |

* **IRLP** Node 6310 using VK3RWA

CLUB e-mail vk3bml@barg.org.au.

CLUB NET VK3BML 3.610+/- QRM Thursday Nights at 8 pm E.S.T (Summer & Winter)

WIA Broadcast and Club Call Back. Sunday's 11.00 via VK3RWA (IRLP Node 6310)

NEWS ITEMS Send to Harry VK3KGL

Or mail to Box 1261 Mail Centre BALLARAT 3354 or e-mail vk3kgl@barg.org.au

Broadcast Times and Dates on VK3RWA Repeater

Every Sunday at 11.00 am, WIA National News, followed by VICLINK
Every Monday night at 9.30 pm, ARRL News
Every Tuesday night at 9.30 pm, WIA National News Repeat
Every Wednesday night at 9.30 pm, Spectrum Tasmania News

VHF UHF Field Day



Great opportunities to head for the hills!

On Saturday 15th November three club members ventured onto Green Hill at the back of the Ballarat University to take part in the 8 hour multi section of the 24 hour VHF/UHF Field Day event.

Using John's callsign VK3AIG together with Ian's VK3IDL and VK3AXH operation was setup on 50MHz, 144MHz, 432MHz, 1296MHz and 2403Mhz using modest antenna's and power.

Max power for the day was on 50Mhz at 100 watts into a 4 element modified TV antenna whilst 50 watts was used on both 144 and 432 with 8 element and 14 element yagi's. On 1296 a 26 element was used and fed with home brew equipment with about 20 watts and 2403 using a grid pack antenna fed with home brew equipment with 10 watts.

Although contacts were not as high as in past events there was a good mix across all bands used particularly with Ian VK3IDL's 2403 MHz with contacts made to Kallista in the Dandenong Ranges and both Colin VK3DK and Trevor VK5MC both in Mount Gambier. On this band several contacts were made with the GARC located in the Barrabool Hills near Geelong.

As the afternoon progressed the wind got stronger and colder so it was decided not to stay for the full 8 hours. Let's hope the weather is kinder for the Summer Field in mid January.

If you are looking for some fun for a few hours why not get organized for the January event. If you have a simple antenna and only one band you can still have a lot of fun. Alternatively get a group together and have a go.

Below are some pictures showing the setup used.

73's Ian VK3AXH



The Secretary's Page

Doug, VK3FDRE

Minutes of the BARG General Meeting 24th October 2008

Meeting opened by President Doug at 1932

Apologies

Rick VK3BEB, Bob VK3BNC, Reg VK3CAZ, Kathy VK3HRZ, Bruce VK3WL, Craig VK3CMC, Richard VK3FIVE and Peter VK3FPOL

Attendance Approximately 25 Members

Minutes of the Previous

(September) general meeting were read by President Doug, as some members had not received them.
Moved Ted HHK/Bill WL – Carried

Secretary Report

Correspondence In:

- Letter from City of Ballarat regarding Airport open day on 30th November, meeting on Wednesday 19th November at 6pm.
- Anonymous donation of \$100 for hamvention

Correspondence Out: Nil

Moved Ian AXH/John CFH – Carried

Other Reports

Repeaters – Roger ADE

Nothing to report on repeaters, The computer controlling IRLP is failing occasionally, and at present there is no ability to reset it remotely, this situation will be remedied shortly.

Amenities – Bob NBV

Dim Sims for supper at next meeting, venue for dining night not yet decided.

Radio Modernisation – David BUR

Nothing to report.

Construction - Brian KQB

Mystery project had been a good night (better for some than others), next night probably stripping components off circuit boards

Convention – Roger ADE, Ian AXH

67 tables have been booked, there were 62 available at the venue following repair works by several members of our group (thanks to Gordon, Ian, Roger, Bob and anyone I may have missed). Roger, Ian and Doug are able to supply sufficient extras. Most of setup can be done on the Saturday PM prior to Hamvention

ICOM will be doing D-STAR presentation in a separate area, we will need to set up chairs, we will need plenty of helpers early on the morning of convention.

Ian has purchased door raffle prizes from Wiltronics at favourable prices, and ICOM will be donating a scanner as major prize.

There was some discussion to finalise arrangements for Hamvention, allocation of duties and responsibilities etc.

There were 37 booked in for Hamvention eve dinner at La Porchetta.

General Business

The anonymous donation for Hamvention was intended to promote the homebrewing aspects of our hobby, the donor has indicated that this will be their last donation as his attempts had seemingly failed, it was thought that we should re-introduce and promote the competition for next year.

The club has had a barbecue donated to it for use by the members, secretary to write a letter of thanks to the donors.

Rick BEB has been, and still is unwell, a get well card was circulated for members to sign.

Doug VBA has purchased a small photo album to store club photos.

Sean (formerly FNLY) has been successful in upgrading to standard licence, new call VK3VLY.

Gordon, John and Ian will be giving their talk / demonstrations to Damascus students on 29th/30th of October, would like a couple of additional helpers.

Bob NBV and Doug VBA have cleaned the carpet in the clubrooms.

Working bee proposed for 8th November.

Meeting closed at 2030, next meeting 28th November 1930 hours.

Doug Ellery

VK3FDRE

Secretary BARG

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QST Report with Craig, VK3CMC

Content review of current QST in library



The following listings have been taken from the United Kingdom version of the magazine Electronics Today International.

These three are in the BARG library for members to borrow.

ETI V26 No4.

- P9. Way to go Car. GPS in modern vehicles.
Its not just the satellite that's important.
- P23 Freezer Defrost alarm. Vero board layout.
- P28 MIDI controlled Voice Harmoniser.
- P36 Part 4. Experimenting with a Video Line Trigger.
Display single video line structure on a CRO screen.
- P45 High Impedance Multimeter Amplifier with AF/RF Probe.
- P53 Warbling door alarm. On Vero board layout.
- P57 Simple Battery tester without a meter. Good for remote control units
- P68&70 PCB foil designs.

ETI V26 No6 [1997]

- P29 Low light sensitive Infra Red activated light.
Uses a Pyro detector.
- P39 Revisiting the PIC Programmer. Updating the June 1995 version by Robin Abbott.
- P51 Build a virtual pH meter for your PC. Using a PIC controller.
- P61 Handy Moisture Meter. Exceptionally simple circuit.
- P66&P68 Same size PCB artwork for all projects listed.
- P71 Index for all ETI articles for 1995.

ETI V28 No1 [1998]

- P11 Satellites from Surrey University. UoSat since 1969.
- P18 Stress & Skin Temperature meter. Biofeedback indicator.
- P24 Switch-Volt PSU for small bench circuits.
- P28 Continuity Tester.
- P36 A simple Radio Frequency probe for use with a Wobulator.
- P40 PIC Barcode Reader Interface.
- P49 Metal Pipe, Nail, and Cable detector. Vero board layout.
- P53 Pt 8 Electronic Processor Timing. Vero board & 32Khz xtal.
- P60/61 PCB foils.





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| <div style="display: flex; justify-content: space-between;"> <div> SupaSwift Ariens TIGA ECHO CHIPPER CHOPPER </div> <div>  Engineered Products Group KOHLER engines </div> </div> | | |
| | | |



Doug, VK3VBA

A few words from the President.....

Hi to all members

Well that time of the year has come around again its the time when the man with the white beard visits us, its a time for reminiscing on the year gone by. As we get older the years seem to go quicker or are we getting slower. It has been a year of difference world money market, drought, pirates, starvation in third world countries but as they say its a lucky country that we live in and we should be proud of that.

Enough of the doom and gloom, our group of people to my knowledge have had a good year, the group has had a good year so let's rejoice and enjoy the festive season.

So from me I hope everyone has an enjoyable time with family and friends and travel safely.

Friday the 12th of December is our annual Christmas break-up at our club rooms, we will have the traditional BBQ starting at 6-30 pm.

Ladies are requested to bring along a salad or sweets, the meat etc are supplied by Barg.

Look forward to seeing you all on the night.

God bless one and all.

I would like to thank all members who helped with the setting up, assisting on the day and cleaning up afterwards, I am talking about our Hamfest.

What a great day, record number of tables with good feedback from exhibitors and of course what comes with this equation is the financial result.

Thanks to David 3ur he revitalized our pre Hamfest dinner on the Saturday night six BARG members attended with approx 40 amateurs and partners a good night was enjoyed by all.

Our venue for the H/fest is in doubt for next year, more about that at our next meeting.

At our next meeting 28-11-08 we were to have a guest speaker, this one has been put on hold till next year. In lieu of this we will be having an AUCTION we will auction approx 80 items, all items must be sold on the night so bring along your small change and big change and purchase BARGAINS BARGAINS and more BARGAINS.

Its all good STUFF if you are not happy with your purchase bring it back in May for the George Fowler auction. I am sure it will be a fun night.

Many thanks to the following members.

Brian kqb for donation of plastic grab boxes and Bob3bnc for installing them in workshop.

Peter 3apd for cutting grass at front of c/rooms.

Also Peter 3fpol and 3fnjp for cleaning spouts, Bob and Hutch for grass cutting Craig for further updating library it was a good fun morning.

Peter vk3pld is now known as vk3apd, congrats Peter.

Doug vk3vba

| BARG Calendar for 2008/2009 | | | | | |
|------------------------------------------------------|----------------------------------------|--------------------------------------------------------|---------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Month: | Construction Group: | Committee Meeting: | Dining Night: | General Meeting: | Notes: Other Activities |
| October | | | | | |
| November | | Wed 19 th 7.30pm Ballarat Cup Holiday | | Fri 28th 7:30pm | Coffee Morning Thursday 27th 10.30am Beechworth Bakery |
| December | Mon 8 th 7.30pm | No Committee Meeting | Fri 12th 6:30pm XMAS BBQ | No General Meeting | No Coffee Morning |
| January | No Construction Night | Wed 21st 7:30pm | Friday 16th 630 pm | Fri 30 th 7.30pm | Coffee Morning Thursday 29 th 10.30am Beechworth Bakery |
| February | Mon 9th 7:30pm | Wed 18th 7:30pm | Fri 20th 6:30pm | Fri 27th 7:30pm | Coffee Morning Thursday 26 th 10.30am Beechworth Bakery |
| March BBQ at Laanecoore March 1 | Mon 9th 7:30pm (12th Labour Day) | Wed 18th 7:30pm | Fri 18th 6:30pm | Fri 27th 7:30pm | John Moyle Memorial Field Day Contest Coffee Morning Thursday 26th 10.30am Beechworth Bakery |
| April | Mon 13th 7:30pm | Wed 15th 7:30pm | Fri 17th 6:30pm | Fri 24th 7:30pm | Coffee Morning Thursday 23 rd 10.30am Beechworth Bakery |
| May | Mon 11th 7:30pm | Wed 20th 7:30pm | Fri 15th 6:30pm | Fri 29th 7:30pm | Sun 31st May George Fowler Memorial Auction Coffee Morning Thursday 28th 10.30am Beechworth Bakery |
| June | Month 8th (Queens Birthday) | Wed 17th 7:30pm | Fri 19th 6:30pm | Fri 26th 7:30pm | Coffee Morning Thursday 25 th 10.30am Beechworth Bakery |
| July | Mon 13th 7:30pm | Wed 15 th 7.30pm | Fri 17th 6:30pm | Fri 31st 7:30pm | Coffee Morning Thursday 30 th 10.30am Beechworth Bakery AGM July 31st |
| August | Mon 10th 7:30pm | Wed 19th 7:30pm | Fri 21st 6:30pm | Fri 28th 7:30pm | 15/16 August Remembrance Day Contest Coffee Morning 27th 10.30am. Beechworth Bakery |
| September | Mon 14th 7:30pm | Wed 16th 7:30pm | Fri 18th 6:30pm | Fri 25th 7:30pm | Coffee Morning Thursday 24 th 10.30am Beechworth Bakery |



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AND DON'T FORGET IT'S ALL FREE

AUCTION at the next Meeting:

Don't forget to bring small change if you purchase goods at next meeting AUCTION!!!!

DON'T bring \$100 notes!!!!!!!!!!!!

HAVE YOU SOLD YOUR RAFFLE TICKETS ????????????????

If not please make an effort, as it provides lots of money for the club.

If you have sold them, bring in your money and give to Secretary at the NEXT meeting.



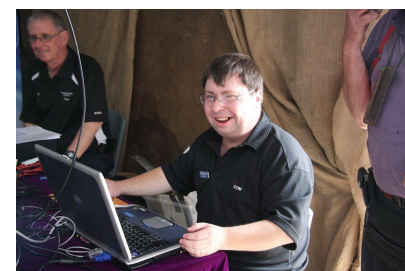
HAMVENTION DINNER



Many of the amateurs and traders who attend our Hamvention come to Ballarat on the Saturday to have a look around and so that they don't have too early a start on the Sunday morning. For many years the club used to run an informal dinner on the Saturday night for members and visitors, but unfortunately this hasn't occurred for the last few years. At the September General Meeting the idea was put forward to reinstate the Hamvention Dinner that BARG which was agreed to. A booking was made at La Porchetta's in Sturt Street for 30 people, which we thought was a bit optimistic, and invitations were sent to traders and various email lists. Due to the overwhelming response we had to extend the booking to 40 seats, which were all filled on the night. As well as about 8 club members we had visitors from as far away as Newcastle, Sydney and Mount Gambier and quite a few traders. Seating was a bit crowded, which made it somewhat difficult to move around, but a great night was had by all with many old acquaintances being renewed and new friendships being formed.

Regards,

David Tilson, VK3UR



Some photo's taken at the BARG 2008 Hamvention

Photographer Robert, vk3krb

Volume 31, Issue 11, November 2008