

BARG News



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

VOLUME 33 ISSUE 5 May 2010



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

NEXT MEETING - FRIDAY May 28, 2010
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

Gordon Cornell	VK3FGC
Norm D'Angri	VK3LBA
Harry Hekkema	VK3KGL
Kevin Hughes	VK3WN
Ian McDonald	VK3AXH
Phil Seddon	
Charlie Stewart	VK3DCS
Bob Terrill	VK3BNC

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 RPT1: 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) (Uses CTCSS of 91.5 Hz to access)	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 3.608+/- QRM Thursday Nights at 8 pm E.S.T (Summer & Winter)

WIA Broadcast Sunday 11.00 am via VK3RWA (IRLP Node 6310)

NEWS ITEMS Send to Harry VK3KGL

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

Broadcast Times and Dates on VK3RWA Repeater

Every Sunday at 11.00 am, WIA National News.

Every Monday night at 9.30 pm, ARRL News

Every Tuesday night at 9.30 pm, WIA National News Repeat

FOR SALE

Microlog Air – 1 Cartridge
Plug-in cartridge for the old Commodore 64 computer



The decoding algorithms and digital filtering used at Microlog are the best in the business. These are pre-DSP, so it was all machine code processing in real time. Even though it was running at the snails pace clock of a couple Mhz, they were very effective in copying both RTTY and hand sent CW. The only down side is that they're not produced any more and that they only fit the obsolete Commodore C-64 computer. I have run side by side comparisons with just about every competitor at the time and can state that the little AIR-1 will outperform them all. It's performance is all due to the programming ability of the guys at Microlog who wrote the operating code. (They conversed in machine code! It was erie to listen in on their conversation. " Lets JSR to SUB1 and EXC the PIA". ???) I guess with all the new digital modes, Clover, PSK-31, etc. The AIR-1 could be considered and antique, but if you've got an old "64" laying around, this is a perfect use for it.

\$75.00

Craig, VK3MCW

Ph. 52321057



For Sale



Mobile Antennas, Six feet single band operation.

Commercially made for the following Bands,

80m, 40m, 20m and 15m.

Insulated Multi-Angle Swivel Mounting.

Heavy Duty Spring Mount suits above.

\$100.00 All up.

Enquiries VK3BNC.



George Fowler Memorial Auction



**The “George Fowler Memorial Auction”
Will take place on Sunday 30th of May
At the clubrooms.....
Auction after soups and bread rolls**

**Come along and enjoy this great day
DON'T FORGET your junk....
Soups and bread rolls supplied**

DEADLINE FOR

JUNE 2010 EDITION

19 JUNE 2010

Solutions for connecting you...

- Ballarat's fastest broadband¹
- Affordable Chatphone VoIP phone service
- Great value cable television



For commercial subscriptions call Heather James on 0427 007 893, For residential subscriptions call our Customer Service Centre on 1300 366 248.

Terms and Conditions

Standard Neighbourhood Cable Terms and Conditions apply. ¹Speeds vary depending on a number of circumstances including network traffic, customer hardware, equipment and operating systems, download site traffic, download site bandwidth and size of file being downloaded.

HEWITT & WHITTY Pty. Ltd.

Outdoor Power Equipment

Cnr Carngam Road
& Wiltshire Lane
Ballarat VIC 3350

Phone: (03) 5336 1344
Fax: (03) 5336 1027

Damien Hennessy

Sales / Spares

Mobile: 0417 313 811

Email: damo_611@hotmail.com



SupaSwift

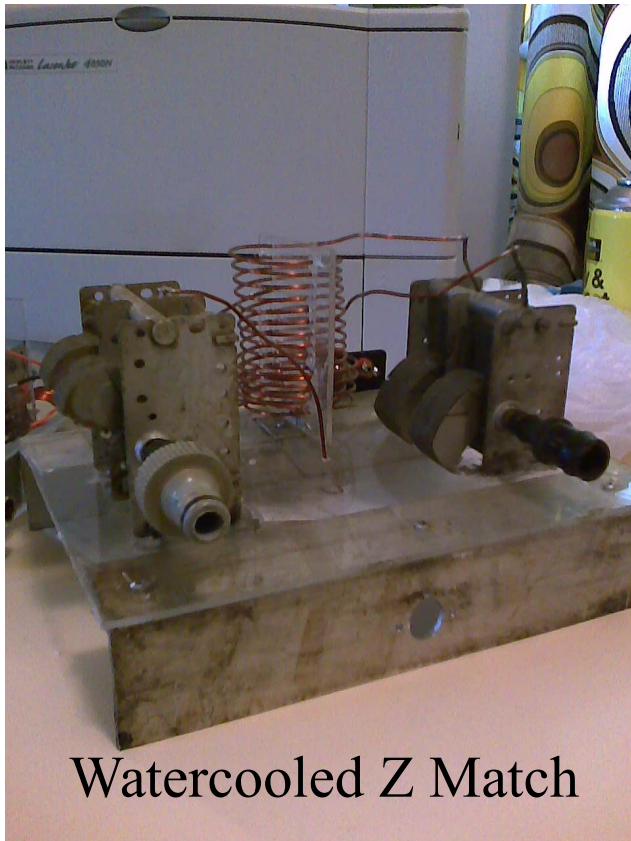
Ariens TIGA

ECHO



EP
Engineered
Products Group

KOHLER engines



Watercooled Z Match

Anything to sell?????????

Any project you want published in Newsletter???

Got any photo's?????????

If you do, please send to Newsletter Editor.

It's not easy to publish Newsletter every month without contributions!!

Send to: member.vk3kgl@barg.org.au

Or Send to Secretary

BARG Inc
BOX 1261
Mailcentre
BALLARAT. VIC. 3354

BA'S AUDIO WORKSHOP PTY. LTD. ABN 59 007 427 778
trading as

BALLARAT
UTO SOUND SPECIALIST

and
Radio Communications Systems Specialists
Supply and Service

8 EASTWOOD ST., BALLARAT 3350
Tel. 5333 4465 Fax. 5331 5851

BJS

Ballarat Joinery Supplies

contemporary craftsmanship | traditional service

Rob Knott
Director
0417 389 356

P.O. Box 146N Ballarat VIC 3350
Tel 5333 3008 Fax 5331 1411

Email rob@ballaratjoinerysupplies.com.au
Web www.ballaratjoinerysupplies.com.au



QST Report with Craig, VK3CMC

Content review of current QST in library

QST Review 2010-4 April.



- P9 Editorial. Our New 6M band. Things are changing in US on 50-54Mhz band.
- P30 Compact Voltage & Fuse Protector for 100W Transceivers.
- P33 Easy make Coreless 4:1 Baluns. *An easy build club project.*
- P37 Building a 1929 Vacuum tube transmitter. *Here's some nostalgia!*
- P41 Short Capacitive loaded 160Metre vertical antenna.
- P43 New Products: MFJ Dummy load [200W@3Ghz]
Battery disconnect relay system.
- P43 Feedback errata: Feb QST SWR Null Meter. Mar 2010 Pk reading RF Meter.
- P44 Battery operated antenna rotator *Good for field days.*
- P47 Real world Antenna analysis, *does it do what the book says it will do?:*
- P49 Power your HTT from a Switching regulator
- P52 QST's 2010 Frequency Measuring test.
- P53 Product Review: Alinco DJ-G7T Triband HTT.
- P56 Green Heron "Everywhere Wireless cable. A review by N4ZR
Allows for Remote Antenna controllers.
- P58 Review: A roofing filter for the IC-756PRO3.
- P60 The Doctor. Measuring coax cable, Open wire spacers, Why 160M is called Top
band and Valves versus tubes in old radios.
- P62 Short Takes: LDG Z-11Pro Automatic Antenna Tuner.
- P63 Hands on Radio Exp #87. ELSIE Filter Design – Part 1
- P65 Hints & Kinks. Using aviation headsets, An improved mobil console, Troubleshoot STEPPIR
Antennas, Unique laying of ground radials.
- P72 AR and the Haitian Earthquake. Emergency responses.
- P74 When not to Operate. Listen on emergency channels only.
- P80 Public Service Emergency Comms, using compact equipment.
- P87 Hows DX? Tarawa.
- P89 World above 50Mhz. Current standings [US only]
- P93 Vintage Radio looks at the Hy-gain Roto-Brake. C1960's.
- P95 Eclectic Technology. Ham Apps everywhere.
- P96 Microwavelengths. Looks at semi rigid coax plumbing and SMA connectors.
- P101 QST Index from Aprils, 1935, 1960 and 1985.
- P103 Hamspeak, the glossary of terms used this month.
- P154 Ham Ads.
- P156 QST Index of Advertisers.

That's all in this months copy of QST.

**73 Craig
VK3CMC**



From our construction officer

Bob, VK3BNC

Construction Nights, every 2nd Monday night of the month

Construction Group.

Firstly can we say Hi to Brian and Ian who we are missing from our group.

Our current project the “Single coil Z Match coupler “is now winding down. With between twelve and fifteen units either finished or well under way it has been well patronized. Even the process of scrounging enough capacitors to go around has been fun.

One radically new design did appear, a water cooled version!

The next project is the VK7JJ Squid pole antenna. This is a great performer, multi band, portable or home station use and along with your new Z Match a lot of good fun.

It would be a great setup for the up and coming “Worked All Shires Award”.

This project should take us through to August! Gee the year goes!

Materials we will discuss next meeting and if anyone has a supply of 42mm PVC tube then let’s know and I’ll bring along a cut off saw so we get good square coil formers.

Initial testing of the basic antenna will be done with a test setup at BARG so you can see where you are going. This will then be followed by the multi band functions, testing and ground radial designs. Some suggestions for mounting and possible designs can be discussed.

If you’re not constructing then there are some jobs that need to be done at BARG to make our facilities even better. We need a “Think tank”!

I’d like to say thanks to Harry, VK3KGL, who has been upgrading our PC facilities with a clean sweep and new operating systems, operational scanner and printer on line. It’s all happening and when he is finished we should have access to all our past and future club projects.

Quietly in the background is Jeff, VK3PAP, busily producing new console panels to Jazz up our comms consol. This is very time consuming but you can’t keep a good man down, thanks Jeff.

Our operations room is just about ready for your use. With a few changes and hopefully a more “user friendly atmosphere” let’s hope more use. I did hint to President Doug that we could do with a couple of nice wheeled office chairs and I saw a glint in his eyes so we will see what happens. A hint for the committee, a good heater to replace the rather doubtful unit there at the moment would be great!

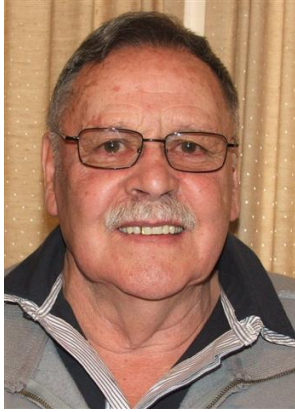
The rotator problem has been resolved and thanks again to Jeff VK3PAP a main bearing problem has been rectified. Also thanks to the helpers assisting with the job of dropping the tower and its subsequent re-erection . This made the job easier.

Members can now use any of the transceivers and select which antennas they want to use.

I have to report that “Hutch” is delighted as he has had his first CW contact under the call sign of VK3BML using the TS-480. Just watch out when his “water cooled Tx” goes to air! Pictures elsewhere!

Ok well this is all very good but we need more input from you so we can plan ahead our projects etc. Ideas are very welcome even changes in our format, talks on subjects you want to know about, computer radio software, Digi Pan, Echo Link, what ever!

Well till next time, Bob, VK3BNC.



Doug, VK3VBA

Presidents Report

Hi All

Well it looks like we are having a normal Autumn, we had our real frost this morning and I guess more to come, our rainfall at this stage is looking good so as we enter the Winter phase its time to turn the heater on in the shack.

I attempted to go on the net last Thursday night from our club rooms but it would appear that my knowledge of HF radios with valves eluded my radio skills but after having a crash course in operating this older type transceiver I am now confident that all will be well next time.

On that subject with all the good equipment that is available in the club shack it would be nice to see members come along on our net night and operate from the rooms, maybe a roster could be drawn up.

Not only our net nights but at other times, FHUT has been active at our rooms on CW so how about it lets use the facilities available to all members, also on that subject Bob BNC has been spending many hours at the rooms putting everything in place for the use of our Remote Base, its now very close to be fully functional.

The Thursday morning coffee mornings at the club rooms are attracting good numbers, the feed back is that it's a great event.

On the subject of great events don't forget that on Sunday May the 30th is our annual George Fowler auction come along with a penny in your pocket and you will be promised great bargains.

Don't forget that its nearly time for AGM all positions will become vacant, please I would like to see more new blood give it some thought to nominate or suggest it to someone else.

All the best for now see you at our next meeting.

Doug vk3vba

Imitations have their Limitations

Salgoud

Wanted!

Can you help? We are looking for a genuine brass key for our operating suit. If anyone would like to donate one for BARG's members to use it would be appreciated. Well Hutch in particular will guarantee to try and wear it out! Any other takers?



Doug, VK3FDRE

The Secretary's Page

Minutes of the BARG General Meeting – 30th April 2010

Doug VK3VBA opened the meeting at 1940.
Meeting held at Ranger Barracks, Sturt St Alfredton.

Attendance

Doug VK3VBA, Doug VK3FDRE, and approximately 18 other members.

Visitors

Norma, wife of Bill VK3PAL, Gordon Wallace, David Martin VK3KQP, Special Attendance by George Lance VK3DS.

Apologies

VK3CAZ, VK3HHK, VK3HRZ, VK3GND, VK3AXH, VK3FPOL, VK3FIVE.

Minutes of the Previous

(March) general meeting had been distributed previously, they were passed as being correct.
Moved Charles VK3FCSC, Bill VK3PAL - carried.

Business Arising

Nil

Secretary's Report

Correspondence In:

Neighbourhood Cable notification of payment.
Notification of Seminar from Department of Justice.
AR and QST magazines.

Correspondence Out:

Doug VK3VBA to Lieutenant-Colonel Laidlaw, OIC Ranger Barracks.

Moved Craig VK3CMC, Ian VK3IDL that all correspondence be accepted – Carried.

Other Reports

President - Doug VK3VBA Following discussion at the committee meeting it had been decided to move the timing of the “old-timers” gathering to the second Thursday of the month, to spread activities more evenly. This gathering is proving to be very popular, and much enjoyed by attendees.

The working bee to conduct antenna repairs had been well attended, with much being accomplished.

There were 11 members planning to travel on the bus to Moorabbin on 8th May.

Bob VK3BNC Had been in discussion with David VK3UR, the remote station is almost fully functional, with only the antenna rotator remaining to be sorted out, Bob proposed that the remote station could be incorporated into the Thursday night net, a training session for those interested was to be held on Saturday May 1st.

The club has been offered a TS120 transceiver at a very good price, it was moved by Bob, and seconded by David VK3UR that we acquire this to replace one of the valve rigs in the radio room, hopefully less experienced operators may make more use of this more user friendly radio, proposal was unanimously accepted.

Any ideas as to where to get a DTMF microphone for the club's Yaesu FT4700 would be appreciated.

Bob VK3NBV Dining night at Beaufort hotel had again been a good night, next meal to be at the Golf House hotel, Coffee mornings at Beechworth Bakery continue to be well supported, and enjoyable.

Gordon VK3FGC has almost enough volunteers for Damascus, FGC, VBA, CMC, CAZ and CFH will all be attending during the two days.

General Business

Raffle was conducted, First-Aid kit was won by Charles VK3FCSC.

It was moved by Craig VK3CMC, seconded by Clem VK3VBI that the proceeds be donated to our hosts for the night, to assist in the running of the museum - Unanimously agreed.

George Fowler auction is last Saturday in May, Soup and Rolls from 12 to 1, then the auction, Bob BNC is again to conduct proceedings. This is a good opportunity to exchange your unwanted stuff for someone else's.

There being no more business, meeting closed at 2015.

The meeting was followed by a tour of the military museum, which is co-located with the Ranger Barracks, anyone interested in Military History and Militaria would find much to see here, and there is also a good range of books for sale.

Next Meeting 1930, Friday 28th May 2010 .

Usual Disclaimer: While I have endeavoured to make these minutes an accurate record of the meeting, I may not necessarily have succeeded. If I have upset anyone by error or omission I apologise.

Doug Ellery

VK3FDRE

Secretary BARG

BALLARAT AMATEUR RADIO GROUP INC. (BARG)

REG. NO. A0006953T - ABN 44 247 200 143

NOTICE OF ANNUAL GENERAL MEETING

Notice is hereby given that the Annual General Meeting of Ballarat Amateur Radio Group Inc. (BARG) for the year ended 30th June 2010 will be held at the Clubrooms, Huts 31A and 31B, Ballarat Airport, on Friday, 30th July 2010, commencing at 19:30.

BUSINESS

1. Confirmation of the Minutes of the Annual General Meeting held on 31st July 2009.
2. Any matters arising from the Minutes.
3. Presentation of Financial Statements for the year ended 30th June 2010 and Statement of Financial Position as at 30th June 2010, together with the Auditor's Report thereon.
4. President's Report for the year ended 30th June 2010.
5. Election of Office Bearers for the year ending 30th June 2011, including President, Vice President, Secretary and Treasurer.

PLEASE NOTE: The incumbent President and the Treasurer are not available, and therefore DO NOT offer themselves, for reelection.

6. Election of six Ordinary Club Members to the Committee of Management.
7. Appointment of the Auditor for the year ending 30th June 2011.
8. Confirmation of Non Elected Positions for the year ending 30th June 2011, including Amenities Coordinator, Awards Coordinator, Computer System/IRLP Coordinator, Construction Group Coordinator, Education Officer, Hamvention Coordinator, Librarian, Net Coordinator, Newsletter Editor, Property Officer, Public Officer, Radio Modernisation Coordinator, Technical Officer, Email Maintenance Officer and Web Site Officer.
9. Setting of Membership Fees for the year ending 30th June 2011.
10. Any other business.

BY ORDER OF THE COMMITTEE OF MANAGEMENT

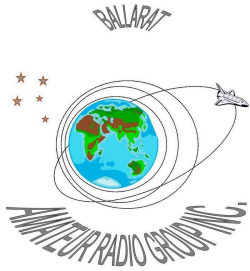
Doug Ellery VK3FDRE

Honorary Secretary

19th May 2010

Nominations of candidates for election as Officers of the Club or as Ordinary Members of the Committee of Management shall be made in writing, signed by two members of the Club and accompanied by the written consent of the candidate and delivered to the Honorary Secretary not less than seven (7) days before the date fixed for the holding of the Annual General Meeting.

Nomination forms are available on the Club's Web Site, and will also be available at the Monthly General Meetings to be held at the Clubrooms on Friday, 28th May and Friday, 25th June 2010 at 19:30.



B.A.R.G. Inc. NOMINATION FORM

Ballarat Amateur Radio Group—Inc # 6953T

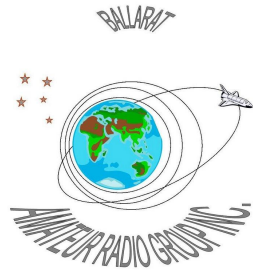
DATE: _____

I wish to Nominate _____ CALL: _____

For the position of _____ of BARG Inc.

Nominated by: _____ and _____

Nomination accepted by: (Nominee) _____



B.A.R.G. Inc. NOMINATION FORM

Ballarat Amateur Radio Group—Inc # 6953T

DATE: _____

I wish to Nominate _____ CALL: _____

For the position of _____ of BARG Inc.

Nominated by: _____ and _____

Nomination accepted by: (Nominee) _____