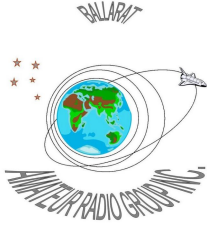


BARG News



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

VOLUME 32 ISSUE 6 June 2009



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

NEXT MEETING - FRIDAY June 26, 2009
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) (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 3.610+/- 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

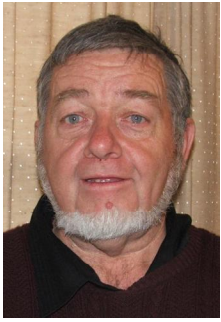
Or mail to Box 1261 Mail Centre BALLARAT 3354 or e-mail vk3kgl@barg.org.au

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



QST Report with Craig, VK3CMC

Content review of current QST in library

QST Review 2009 - 6 June



P9 Editorial. Similar concerns with the UHF band allocation in the US and need for more commercial spectrum.

P30 Sound card Interface for FM Transceivers. [Weak signal FM]

P32 No Excuses 160 Meter vertical antenna

P37 Vocal Keyer: Build a contest accessory.

P41 Build a Homebrew Radio Telescope for radio astronomy.

P45 QEX May/June 2009 issue contents.

P46 Make a Light weight Keyer paddle for CW.

P47 QSK Conversion for Ameritron ALS-600 HF Amplifier.

P50 Book reviews. 1. 6 Metre handbook by G3XTT.
2. Worldwide Listening guide by J Figgliozzi.

New Product review. Coax cable connector tools.

P51 Product review: ICOM IC-7200 HF/6M Transceiver.

P56 Review: Micro-Node International IRLP/Echolink Node.

P59 The Doctor is In. He answers a range of readers questions.

P60 Short Takes: Square Loop antenna of 6Metres.
[See also the 2M&70cm in QST Apr2005]

P61 Hands on Radio: Exp #77 Load Lines.

P63 Hints & Kinks. Mounting PL-259 Connectors.
Project boxes on the Cheap.
Repairing scratches in plastic with Brasso.
Flammable Spray on Grease.

P70 A Green Field Day. Hydrogen Fuel cell and Solar.

P72 Contesting, some suggestions.

P73 Happenings. Vandals strike and Amateurs provide support.
FCC clarifies Amateur Repeaters.

P76 Public Service Emergency Communications.

P85 2008 ARRL 160M contest results. Read about VK2CCC activity.

P89 World Above 50Mhz. Determining & Maintaining Frequency

P94 Eclectic Technologies. High speed Multimedia at 3.5GHz.

P95 Vintage Radio. Tuckerton Wireless.

P97 OP-ED.. Phonetics: Am I being understood?

P101 Contents June 1934, June 1959, June 1984.

P103 Hamspeak. Glossary of terms in this months edition.

Advertisements galore.

P156 QST List of Advertisers

That's all for June 2009.

**Craig.
VK3CMC**

George Fowler Memorial Auction

Pix supplied by Rod, vk3krc



Some 'shots' of this years auction. A yearly fundraiser for the club. A good time was had by all.

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.

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

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

HEWITT & WHITTY Pty. Ltd.
Outdoor Power Equipment

Cnr Carngham 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



From the auctioneer

Bob, VK3BNC

I'd like to say thanks to all who ventured out to attend our Annual George Fowler Auction. Commemorating one of BARG's friendly members. Loved Amateur Radio, always did things with a smile and a whistle.

It all started as it does with a wonderful spread of soups which of course you would be talked about if you didn't at least sample each one. So which one won your culinary award Clem?

Well what a wonderful collection of useful "pre-loved" gear! From the fully functional, the most desired, the most useless to the "I must have", it was all there.

I must say our country members were there in force so it was good we had such a pleasant day for traveling. Thanks for supporting us guys!

A couple of "Gems" that emerged over the course of the day.

A nice looking "rubber ducky" was offered which drew a question "does it float in the bath?" and then a fine looking bed head AM/FM Motel radio was offered in going order "And the Motel owner is still looking for the Bed!" After that I promised myself to take the radio back to the auction next year!

Yes a lot of fun, thanks for your support and it all helps to keep BARG's fires burning.

I'd like to echo Treasurer Peter Pollard's remarks in thanks to our ladies; Theresa, Shelia, Shirley and Betty who provided soup and worked in the kitchen. Also thanks to the other ladies who sent soup along with their would be cooks.

To my able assistant, thanks Brian and to our recorders who worked fast and furiously keeping up with the hammer and at the end of the day tallied up the proceeds, a big thanks Peter and Harry.

I noticed that Peter has been on two holidays this year!! Auditor please note!

Bob, VK3BNC.

Anything FOR SALE or WANTED???

Why not send it to the Editor to be included in the next Newsletter.

Send to: Newsletter, BOX 1261, Mail Centre, Ballarat, 3354.

or

vk3kgl@barg.org.au

Next DEADLINE for articles is the 18th of July!!!

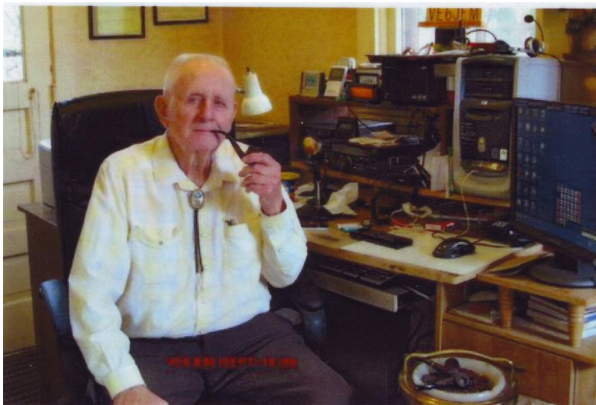
In 1992 one of our members traveled with his wife to a town in Canada called Medicine Hat on a teaching assignment, that member was Les Snibson and wife Lynnette, during his time in Medicine Hat, Les became friendly with Jim Mccorkle another amateur, call sign VE6JEM.

On returning to Australia, Les obtained a new call sign VK3JEM at that time I remembered Les telling our members to look out for any one in Medicine Hat, some of our members have been in contact with Jim over the years including myself almost on a daily basis.

I sent last month n/letter to Jim and he was most impressed with the quality of the way it was put together.

This is a photo of Jim, so if you hear him say hello.

From the Pres Doug, vk3vba



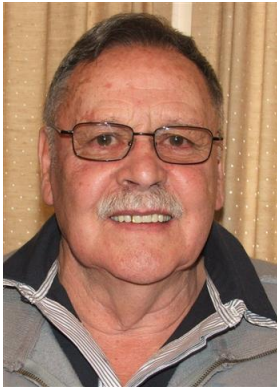
Jim Mccorkle, VE6JEM

Dear Editor,

I wonder if we could put out a word for any reader who may have an old HF radio in their shack that they no longer see a use for but would consider selling it for use by some of our newer Foundation calls who need to get a suitable commercial rig to operate. There are many radio aroundd that would be suitable for a starter rad and one that comes to mind is the old FT7, FT120 or 130. How about looking around the shack and move some of that gear around. Prices on these older radios make it more available to starters in the hobby. Radios like these will make good starters until they get confidence and can start looking around at other radios maybe with more facilities.

What say chaps.

Craig, VK3CMC



Doug, VK3VBA

Presidents Report

End of the financial year, time to visit the accountant then worry till you get the ok from the ATO they say let the accountant worry about it but it does not work that way.

Enough of all that, more important its time to recruit members of BARG to put their hand up and get more involved in the every day running of our group, we have a lot of talent in our group and it's a shame to see it not shared around.

As we know all positions become vacant at the end of July and would be nice to see lots of new faces appear on our committee and other vacancies that are available at out radio group, we hear people say they are too busy but there is a saying if you want anything done ask a busy person.

Our new project of manufacturing CTCSS boards is going well with a total of 30 boards been ordered, so it looks like that our construction nights are going to be a busy time for all, it's a must that 2m radios be fitted with the boards now that Mt Ben Nevis (VK3RWA) has tone burst fitted for obvious reasons; hopefully this project will start in July.

I would like to thank all of our members for their support during the year hoping that I did most things correctly I tried my best that's all I could do.

I guess each president does things different to other presidents I suppose it stops the boring element creep in.

There is one group that I would like to thank and that's our ladies they tend to remain in the background in times like our soup day and of course our Christmas dinner, speaking of dinners we have purchased four (4) tables from the local RSL which will make it a great addition for functions at our club rooms.

Who were the two members that excused themselves from the dining out group by saying that they were required at home, reason to go home and watch the Essendon and Melbourne football match.

I rest my case...

President Doug.