

BARG News



Official Newsletter of the Ballarat Amateur Radio Group Inc. # 6953T

ABN 44 247 200 143

VOLUME 33 ISSUE 2 February 2010



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

NEXT MEETING - FRIDAY February 26, 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 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 2010-1 Jan.



P4/5 The index.

- P9** Editorial comments: 1. AR Not an Emergency Service ??
 2. Watch the Band edges!
- P30 PSK31 This weekend. Explore a new world in five easy steps.
- P32 Soldering Surface Mount Components.
- P34 160&80M Matching network for a 43 Foot Vertical. Part 2.
- P36 Homebrew Air Core Inductors.
- P39 Taking advantage of Mother Natures antenna supports. {Trees}
- P40 160M Inverted Delta Loop antenna.
- P42 The "Fibrepole" – Evolution of an Antenna mast.
- P44 Updated 2 M Log Periodic Dipole Array. LPDA.
- P46 A Magnetic Mount for All Seasons. Uses quad magnets.
- P50 REVIEW: ICOM ID-880H Dual band with D STAR.
- P54 Technical Correspondence
- P57 The Doctor is In:
RF & Pacemakers. Diplexer or Duplexer. Coax types again revisited.
- P59 Getting on Air. No sunspots? Work long haul on 160M.
- P61 Hands on Radio. Exp#83 Circuit Simulation, Build & Test.
- P63 Short takes. Gulf Alfa have a Dual band Satellite yagi. [7/8el]
- P64 Hints & Kinks. Making metal boxes. Keyless chuck adapter.
Project Weatherproofing. Filing cabinet Power Amplifier ideas.
- P71 Research. Every Projects First Step.
- P72 Public Service: Keeping it legal. Does it apply to Australia also?
- P73 Happenings: FCC First waivers for Government Disaster drills.
Again should Australian amateurs be watching this?
- P84 Hows DX?. Australia is mentioned. VK6IOA and new VK9
callsign issues.
- P86 World above 50Mhz. VK9NA Expedition and Laser record by VK7MO
- P90 Eclectic Technology. What I want for Christmas.
- P91 Vintage Radio. De Forest15Panel unit Receiving set. Circa 1919-1921
- P94 Microwavelengths. Questions for those New to Microwaves.
Also some simple test gear.
- P99 QST Index for Jan 1935, Jan 1960 and Jan 1985
- P101 Hamspeak. Glossary of terminology used in this months edition
See also www.arrl.org/qst/glossary.html
- P157 QST Index of Advertisers.

Enjoy another good reading.

73 Craig, VK3CMC

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I'M ON A COMMITTEE!

Oh, give me your pity, I'm on a committee,
Which means that from morning to night,
We attend, and amend, and contend, and defend,
Without a conclusion in sight.

We confer and concur, we defer and demur,
And re-iterate all of our thoughts.
We revise the agenda with frequent addenda,
And consider a load of reports.

We compose and propose, we suppose and oppose,
And the points of procedure are fun!
But though various notions are brought up as motions,
There's terribly little gets done.

We resolve and absolve, but we never dissolve,
Since it's out of the question for us,
What a shattering pity to end our committee,
Where else could we make such a fuss.

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Bob, VK3BNC

Antenna Tuning Unit Want to build one?

Ok well a couple of members have expressed interest in building an ATU at our construction nights. It's a great beginner's project with a balance of mechanical and electrical work. If you would like to join in here are the details.

The unit proposed is the "One coil Z Match coupler" made popular by Lloyd, VK5BR and you can find it in AR September 1993 p.7 and if you don't have that well our library has. It is suitable for either balanced open line or coax feed for multi-band operation.

This will require a bit of scrounging so start to collect your bits and chat to me if you can't find things. Let's know if you are going to be on board!

Cheers, Bob VK3BNC.

EDITORS NOTE:

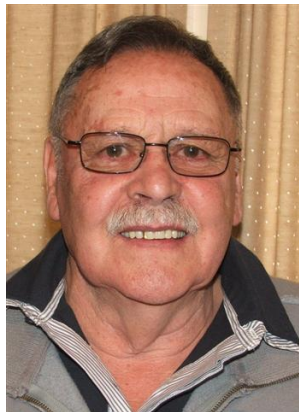
This Lloyd Butler's website.

<http://users.tpg.com.au/users/ldbutler/>

This is the page with the Single Coil Z match.

<http://users.tpg.com.au/users/ldbutler/SingleCoilZMatch.htm>

or will be available in AR in our library.....



Doug, VK3VBA

Presidents Report

PRESIDENTS REPORT

Well the past few weeks have been a busy time for our members.

Peter FPOL has been very busy, with at times assisted by Warren FWJW on the construction of frames for all 10 windows the reason is bring the frames level with the actual window frames to allow us to attach security mesh, this job is close to the stage of completion

WE also had a series of working bees under the supervision of Stewart 3ASH constructing our storage shed hopefully by our next meeting it will be completed, total man hours recorded at this stage is in excess of 90 hours.

But it will be all worth while we will have room to utilize the back workshop area.

Bob 3BNC has also been busy doing alterations in the workshop inside, installing DC plugs provision for radios etc this will make the area more useable for our examiners in coaching the students and examining them for the practical exam, the workshop looks good and tidy (lets keep it that way)

We were well represented at the Kyneton H/Fest a total of 10 travelled by bus plus others arrived by cars the weather was good plenty of sellers a good day was had by all, lucky Kevin did not win a radio this time, better luck next time.

At the time of writing this report we do not have a guest speaker for February but we have organized speakers for the following next 3 months.

Arrangements have been made for our club rooms to be stripped of all paint and repainted at no cost to BARG, also we now have better access in the gate at the west end of our building, so its all happening but its all good.

That's all for now other than we are looking for members to go on a H/vention committee give it some thought for our next meeting.

That's all folks all the best see you on the 26-02-10 at our general meeting.

Doug vk3vba



Doug, VK3FRDE

The Secretary's Page

Minutes of the BARG General Meeting – 29th January 2010

Doug VK3VBA opened the meeting at 1935.

Attendance

Doug VBA, Doug FDRE, Peter FPOL and approximately 20 other members.

Apologies

VK3CAZ, VK3HHK, VK3HRZ, VK3BVI, VK3KQB, VK3FHUT, VK3UR, VK3HHK.

Minutes of the Previous

(November) general meeting had been distributed previously, they were passed as being correct.
Moved Gordon VK3FGC, Craig VK3CMC - carried.

Business Arising

Nil

Secretary's Report

Correspondence In:

Neighborhood Cable notification of payment.
Invoice from Council for room rent.
Letter of Resignation from Nik Presser.
QST magazines, AR magazine.
Licence renewals for VK3BML and 70cm Beacon.

Correspondence Out:

Payment (online) for licence renewals.
Moved Warren VK3FWJW / Bob VK3BNC that all correspondence be accepted – Carried.

Reports

Repeaters etc. - Ian AXH The replacement power supply for Mt Buninyong has arrived, and is installed and operating successfully. Ian had recently made a contact to Adelaide on 23cm.

Social – Bob NBV Meal at Park Hotel Bistro had been good, not sure of location for next dining night.

Wicen etc – Gordon FGC

Gordon had been told, on good authority, that the repeaters and equipment from Mt Buninyong would be re-instated soon, there was some problem locating the antennas. The Mt William repeater is now up and running after a lengthy period of being non-functional.

General Business

There was to be a working bee to commence erection of the shed the day following the meeting, need at least 6 volunteers with appropriate tools, Stewart ASH will be honorary foreman.

There was some discussion about security of the clubrooms, as we don't carry insurance it was thought that it would be worthwhile to install steel mesh inside the windows to deter potential thieves. Peter FPOL and Warren FWJW agreed to undertake the installation at an expected cost of around \$250.00.

Kyneton Hamfest on 14th February, bus was to leave from outside the cemetery at 0830, there were approximately 10 starters.

Peter Rafferty from Midlands group had made contact regarding the inter-club BBQ at Laanacoorie on 7th March, there were insufficient members interested to make a club outing worthwhile, but some individuals may attend. Secretary to write letter to this effect.

All Rotary club raffle tickets had been returned with the exception of one book.

BARG had been the major sponsor for Alan Devlin's DXPedition to Norfolk Island, it is hoped that Alan will come and talk about the trip at our March meeting.

Your secretary made a note here that was cryptic, even by his standards – it was regarding a future visit to Sunbury by the club, Craig CMC and John AIG would liaise and determine a suitable time.

The group has had a stand for the projector donated, it is hoped that this can be modified and installed before the March meeting.

John VK3CFH told an appalling joke at this point, and then the meeting closed at 2040.

Following the meeting Warren FWJW gave a most interesting talk on his work as an IPV (independent Prison Visitor). This was a service which I, for one didn't even know existed. Warren visits prisoners at Ararat prison once a month, listens to prisoners concerns, and reports to the minister responsible regarding the way the prison is operating.

As is usual when we have a guest speaker there were many questions from the members, I suspect that most Hams are attracted to the hobby because they have enquiring minds and it shows on these occasions.

Warren was presented with the traditional gift after his talk.

Next Meeting 1930, Friday 26th February 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

Tea & Chat!

BARG has been wondering how we can get our friends and members together that don't like venturing out at night for whatever reasons. Well we have come up with an idea to invite you all to our club rooms on the second Tuesday of each month and in this case will be Tuesday 9th March at 10 am.

We are hoping our regular members will support this venture where they are able and make it a pleasant morning tea and chat.

There is a lot that happens at BARG and with our ever expanding facilities there is lots to chat about not to mention your latest home brew projects which we don't know about. Well make an effort and we will look forward to seeing you there. Transport required well lets see if we can help!

Cheers, BARG.



Bet (XYL VK3BNC) at work

VK3XPD Alan Devlin,
VK4UH Dr. Kevin Johnston,
VK3KH Michael Coleman
VK9NA, Dxpedition Norfolk Island



A PAGE FROM THE PAST - Where are they now?

BALLARAT AMATEUR RADIO GROUP INC. EXECUTIVE COMMITTEE 1993/4

			HOME	WORK
PRESIDENT	CLIFF BILSTON	VK3CCB	361249	204321
IMM.PAST PRESIDENT	IAN ROBINSON	VK3FD	358031	379175
VICE PRESIDENT	ERNIE TURNER	VK3DET	317604	
SECRETARY	GEOFF SMITH	VK3ADB	332112	
TREASURER	HARRY HEKKEMA	VK3KGL	357563	
ASST. SECRETARY	JIM WRIGHT	VK3CFB	327563	
PUBLICITY/NEWSLETTER	NORM D'ANGRI	VK3LBA	341613	
EDUCATION OFFICER	TOM GEORGE	VK3DMK	355662	327234
TECHNICAL OFFICER	DICK ANTOZIEWICZ	VK3AEX	323273	
MEMBERS' REPS.	MARY CURNOW	VK3FMC	301927	
	REG CARTER	VK3CAZ	417585	

OFFICERS AND COMMITTEES

QSL MANAGER	DOUG RAPER	VK3VBA	323565	
NET CO-ORDINATOR	JOHN HOGAN	VK3CJH	447414	
AWARDS MANAGER	MAURIE BATT	VK3XEX	422245	
PROPERTY OFFICER	JEFF PIGDON	VK3PAP	327041	311211
HAMVENTION CONVENOR	TOM GEORGE	VK3DMK	355662	327234
LIBRARIAN/HISTORIAN	RICHARD VOSS	VK3JFL	337045	
WICEN COMMITTEE	GORDON CORNELL	VK3FGC	392427	391135
	GEOFF SMITH	VK3ADB	332112	
	TOM GEORGE	VK3DMK	355662	327234
TECHNICAL COMMITTEE	DICK FORRESTER	VK3VU	357663	391001
	DICK ANTOZIEWICZ	VK3AEX	323273	
	IAN MC.DONALD	VK3AXH		
	DAVID MC.CONNELL	VK3YNB		
	BEN ORCHARD	VK3TOP		377836
	MAURIE BATT	VK3XEX	422245	

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REPEATERS: VK3RBA - 146.750 MHz. VOICE. MT.BUNINYONG (- OFFSET)
 VK3RBS - 146.900 MHz. VOICE. SMEATON HILL (- OFFSET)
 VK3RPC - 144.750 MHz. PACKET MT.WARRENHEIP
 VK3RBU - 438.475 MHz. VOICE MT.HOLLOWBACK

CLUB NET: THURSDAY NIGHTS AT 8 PM. (8.30 PM.DURING DAYLIGHT SAVING)
 FREQ: 3.610 MHz.+/- QRM.

2 METRE SCRAMBLE: SUNDAY NIGHTS AT 7.50 PM. FREQ:146.425 TO 146.600 MHZ.INCL.
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 : LAST FRIDAY OF EACH MONTH (EXCEPT DECEMBER) AT 7.30 PM
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