

BARG News



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

VOLUME 34 ISSUE 6 JUNE 2011



President: Craig Cook VK3CMC
Secretary: Doug Ellery VK3FDRE
Treasurer: Bill Wells VK3PAL

NEXT MEETING - FRIDAY June 24, 2011
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

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
VK3RBT	(2 m Voice Repeater) (Uses CTCSS of 91.5 Hz to access)	146.650 MHz	Green Hill

* **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



Craig - VK3CMC

Presidents Report

Presidents page for June 2011

As we approach the end of the financial year we must also think about the need to elect the clubs committee of management for the coming year.

All positions become vacant although some members are available for another year. Here is the opportunity to either volunteer yourself or nominate someone else who you believe can fulfill a roll in the management of the club.

There also the non elected positions which we have had some vacancies with for the past year. Refer to Item eight in the formal notice.

Nomination forms need to be in hand of the Sec Doug VK3FDRE not less than seven days before the meeting which is the 29th July.

For the October meeting we will have Drew Diamond attending and giving a talk about the 136Khz and 500Khz band and showing some home made gear for the same. Drew is an active home brewer and has published four volumes of projects and will have some interesting gear to show and answer questions about. Please mark the diary.

The committee has decided to run a Field day activity soon to encourage club members to “go out portable” somewhere and activate and shake cobwebs from the gear. This will allow people to try out the project Squid pole antennas and other antennas . This will only be a few hours and we are considering then return to the clubrooms for food and fellowship afterwards. We would appreciate feedback and encouragement for the idea as we haven't done this for some years. Obviously need to do so in warmer months.

We have had a request for some more CTCSS tone boards for older sets so they can access the clubs repeater on Green Hill. Who else is interested. Please advise and we can produce at the construction night which has waned a bit lately. Second Monday each month.

It has been asked that we should consider having a 2M net one evening through the repeater VK3RBT. This will mean the need to access with the sub audible tone. Consider what night would suit and let the committee know. The 80M net still continues to run on a Thursday evening at 2000hrs on 3608Khz +/- QRM and the 2M net will not run concurrently in an effort to encourage more activity on the repeater and for those who do not get out on HF very well.

Please look at the BARG web site calendar and mark your diary up for the dates listed.. We had eleven members at the last “Coffee on Club” which is good to see. Next week {the 23rd} will be Coffee at Beechworth bakery. Hope see people then.

Finally on Dstar. It has been decided that we do no further work with the system at this stage due to a number of factors: (1) Our internet service is at maximum capacity with

the wireless system and any further demand on it would mean the remote base and IRLP service would suffer severe if not total degradation. (2) If the system were set up at the rooms the coverage of the 70/23cm would be very limited due to the topography. (3) Green Hill doesn't have internet connection so its not viable using that site either. (4) We need to purchase a new antenna, cavity filters and coaxial cable to be able to set it up at any location.

The equipment is currently in storage.

Subscriptions Due.

Subscriptions for the 2011 – 12 Financial Year be set at the same level as the previous year, viz, \$40.00 for Individual Members and \$50.00 for Family Members, with half rates for new Members joining after 1st January 2012.

As Subscriptions are due at the AGM, it would greatly help the Club's Cash Flow, if as many Members as possible could pay on the night of the Meeting.

Club Register and Annual Subscription Form MUST be filled in with payments.

Payment may be made either by cheque or Electronic Funds Transfer directly into the following Bank Account –

Account Name: Ballarat Amateur Radio Group
Bank: Bendigo Bank
BSB: 633000
Account Number: 142591247.

If paying by EFT, will you please use your Call sign & Surname as the reference, to ensure I am able to correctly receipt your payment.

Your cooperation will be greatly appreciated.

NB. BOTH THE ABOVE FORMS MUST BE FILLED FOR THE RENEWAL TO BE ASFFECTIVE.

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

<p>HEWITT & WHITTY Pty. Ltd. Outdoor Power Equipment</p> <p>Cnr Carrngham Road & Wiltshire Lane Ballarat VIC 3350 Phone: (03) 5336 1344 Fax: (03) 5336 1027</p>	<p>Damien Hennessy Sales / Spares Mobile: 0417 313 811 Email: damo_611@hotmail.com</p> <p></p>	<p>     </p>
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QST Report with Craig, VK3CMC

Content review of current QST in library

QST Review 2011- June.



What to find in this months edition.

QST Review 2011 – 6 June

Here are the **Technical articles** in this month copy.

- P30 One Person, safe, Portable easy to erect Antenna Mast.

- P33 Is there an Optimum height for an Antenna.?
- P36 SWR, Refelcted Power - What do they Mean.?
- P37 DDS. Direct Digital Synthesis for those Classic Rigs.
- P42 A Single Element Vertical “Beam” Use for 30M [10Mhz]
- P45 Two Small Helical Antennas for 2 Meters.

- P50 Short Takes. Looks at the Goal0 Sherpa 50 Solar Battery and a Portable Panel.

- P51 PRODUCT REVIEW: Alinko DX-SRT8T HF Transceiver.
- P55 Review Chinese made TYT TH-UVF1 Dual band Handheld Transceiver.
- P58 The Doctor is In. Looks at Tuners, matching lines, The Johnson Link couplers, antenna heights and salt water earthing.
- P60 Hands on Radio. Experiment 101 Rotary Encoders.
- P62 Hints and Kinks. Audio Interfacing & earth loop problems.
Make a Microphone on a boom.
Make own insulators, Cleanup leaking batts in radios
- P68 Getting on the air. Encouraging more people to activate station.
- P70 Chart showing US Amateur band frequencies.
- P71 Looney Tuners.
- P74 Dxpedition to Ponza Is. Italy.
- P77 Amateurs in support with JA earthquakes.
- P80 Public Service. Incident Command at Field Day.
- P82 Op-Ed. New project, New interest, New discoveries.
- P94 World above 50Mhz. Contesting.
- P99 Vintage Radio. Homebrewing
- P101 Eclectic Technology. Solid state dreams.
- P104 &%,50 and 25 Years ago. Index of QST article.
- P156 QST Index of Advertisers.

Craig Cook
VK3CMC

Safety Message - Stop! Take 5

This is one example of a method of minimizing the risk of injury or damage to people or equipment that is widely used within industry, but it is every bit as applicable to tasks that we perform around the home (or shack).

1. Think through the task - Have a clear plan in mind, but be prepared to review it.

- Understand the task
- Procedure to follow
- Right tools and equipment
- People or equipment affected
- Safe access
- Nearby equipment
- What could go wrong
- Alternative methods

2. Spot the hazards - Look Close, Look Wide, Look Above

For each step, consider:

- Can I be struck by anything?
- Can I strike against anything?
- Can I be caught in, or between anything?
- Can I strain or overexert?
- Can I slip or trip on anything?
- Can I fall in any way?
- Can I come in contact with or be exposed to anything harmful, such as chemicals, heat or fumes?
- Can I injure a fellow worker?
- Can damage to equipment occur?

3. Assess the risks

- Is it improbable?
- Possible?
- Likely?

What are the consequences?

- Injury or death?
- Property damage?

4. Make the changes – control the risk.

- Remove the hazard
- Isolate the hazard
- Barricade the hazard
- Adopt a different approach, different tools or different method.

5. Do the job safely

- If at any time you feel uneasy, step back and rethink what you are about to do.

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 2011 will be held at the Clubrooms, Huts 31A and 31B, Ballarat Airport, on Friday, 29th July 2011, commencing at 19:30.

BUSINESS

1. Confirmation of the Minutes of the Annual General Meeting held on 30th July 2010.
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 24th June 2011, together with the Auditor's Report thereon.
4. President's Report for the year ended 30th June 2011.
5. Election of Office Bearers for the year ending 30th June 2011, including President, Vice President, Secretary and Treasurer.
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 2011

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, 27th May and Friday, 24th June 2011 at 19:30.

BALLARAT AMATEUR RADIO GROUP INC. REG. NO. A 0006953T

CLUB REGISTER AND ANNUAL SUBSCRIPTION CHECK

NAME: _____ MOBILE PHONE: _____

CALL SIGN: _____ EMAIL ADDRESS: _____

STREET: _____ WIA MEMBER?: YES OR NO

SUBURB/TOWN: _____ PARTNER'S NAME: _____

POSTCODE: _____ SUBSCRIPTION PAID: \$ _____

WORK PHONE: _____ RECEIPT NO: _____

HOME PHONE: _____ RECEIPT DATE: _____

If the Club decides to publish a Club Directory,
are you willing to have the above information included? YES OR NO

SIGNATURE: _____ DATE SIGNED: _____

BALLARAT AMATEUR RADIO GROUP INC. REG. NO. A 0006953T

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NAME: _____ MOBILE PHONE: _____

CALL SIGN: _____ EMAIL ADDRESS: _____

STREET: _____ WIA MEMBER?: YES OR NO

SUBURB/TOWN: _____ PARTNER'S NAME: _____

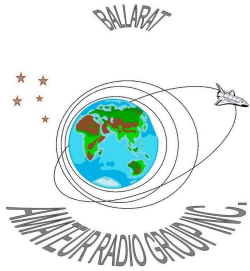
POSTCODE: _____ SUBSCRIPTION PAID: \$ _____

WORK PHONE: _____ RECEIPT NO: _____

HOME PHONE: _____ RECEIPT DATE: _____

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SIGNATURE: _____ DATE SIGNED: _____



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

Ballarat Amateur Radio Group—Inc # 6953T

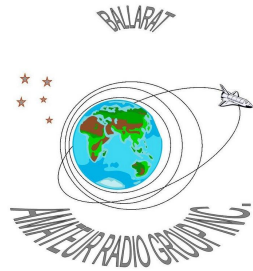
DATE: _____

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) _____