

BARG News



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

VOLUME 33 ISSUE 7 July 2010



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

NEXT MEETING - FRIDAY July 30, 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



QST Report with Craig, VK3CMC

Content review of current QST in library

QST Review 2010-7 July.



Craig, VK3CMC

What to find in this months edition.

Does any one read these ??

- P4/5 Index this month.
- P9 Editorial. 60 Metres, Version 2.0 [This is the new 5Mhz allocation]
- P20 Upfront. Two rare keys donated to ARRL and also some timely warnings for fox hunters of the radio type.
- P33 The Portable Omni Box. Worth considering for portable, field days or just on the shack bench. Could be a construction group project.
- P 37 Classic Universal Sound card Interface.
- P40 Simple & Effective approach to Station Grounding.
- P41 Correction from Apr QST, Make 4:1 Coreless Balun. May QST, Fun with Tech licences. May, Build an Ampere-Hour meter. Jun, Hands on Radio.
- P42 Capacitors – Which One to Use. Well worth the read.
- P43 Review: Yaesu FTDX9000MP HF & 6M transceiver.
- P47 Review: Elecraft W2 HF/VHF/UHF Wattmeter. Kits/fully assembled
- P50 Tech Correspondence. Measuring RF Amps with a clamp and MFJ Analyser. Also has many Internet references for look ups.
- P52 The Doctor looks at PEAK/AV readings, Rhombic ant, automobile ATU, back up power and looks at drafting packages for circuit diagrams.
- P54 Shorttakes. Review Jetstream VHF/UHF Wattmeter.
- P55 Get on Air. Looks at antenna polarisation and graph interpretation.
- P57 Hands on Radio. Exp 90. Construction Techniques.
- P59 Hints & Kinks. Using Veroboard construction. Very simple conversion of 1/4Wave 2M whip to a dual 3/4Wave on 70cm. Very easy.
- P64 What was new at Dayton this year.
- P65 National Scouts Jamboree in the US
- P68 When should I operate? Looks at the D, E and F layers of Atmosphere.
- P76 Public Service Emergency communications.
- P79 This month in contesting.
- P90 Hows DX. EZ - Turkmenistan.
- P92 World above 50Mhz. Springtime openings
- P95 Vintage Radio. DITS to BITS. Early days in computing.
- P97 Eclectic Technology looks at Sundown for Hard Drives. Problems with moving parts. !!
- P103 75, 50 and 75 years ago in QST. [July 1935, 1960 and 1985.]
- P105 Hamspeak. Terminology used in articles of this months edition.
- P130-132 Listing of all ARRL Publications
- P156 Index to all advertisers.

Good reading this July.

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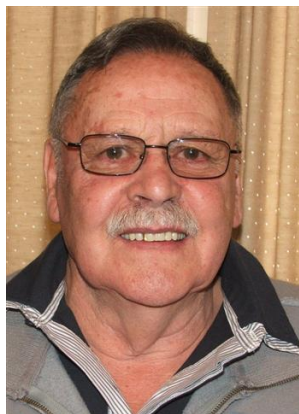
Why not send it to the Editor to be included in the next Newsletter.

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

or

member.vk3kgl@barg.org.au

Next DEADLINE for articles is the 21st of August !!!



Doug, VK3VBA

Presidents Report

WELL AFTER A TWO YEAR TERM AS PRESIDENT ITS TIME TO STEP DOWN, ITS BEEN AN FULFILLING EXPERIENCE WITH A MIXTURE OF ACHIEVING AND FRUSTRATION BUT FROM MY PERCEPTIVE IT HAS BEEN REWARDING.

A LOT OF EXTRAORDINARY THINGS HAVE ARISEN IN MY TERM AS PRESIDENT BUT WITH THE ASSISTENCE OF COMMITTEE AND MEMBERS WE HAVE MOST PROBLEMS NOW IN ORDER.

ONE NEW INOVATION HAS BEEN THE COFFEE AND CHAT IN DAYLIGHT HOURS AT THE CLUB ROOMS THEY HAVE BEEN WELL PATRONISED AVERGING SIXTEEN MEMBERS AND SPOUSES, LIKEWISE OUR DINING NIGHT OUT GATHERINGS, ALSO THE CONSTRUCTION NIGHTS HAVE BEEN VERY SUCCESSFUL WITH MEMBERS UNDER EXCELLENT GUIDANCE I BELIEVE HAVE GOT A BETTER UNDERSTANDING INTO ELECTRONICS.

OUR AGM WILL SEE A NEW TEAM OF OFFICE BEARERS AND COMMITTEE AND I AM SURE BARG WILL BE IN GOOD HANDS WITH SOME NEW FACES AND NEW IDEAS BUT THE ASSISTANCE FROM ORDINARY MEMBERS CERTAINLY WILL BE CERTAINLY BE ENCOURAGED LETS MAKE IT A TEAM EFFORT.

WE SHOULD BY PROUD OF BEING PART OF THE WIA CENTENARY (100) YEARS, I WONDER HOW MANY OF OUR YOUNGER MEMBERS WILL BE AROUND FOR THE 125 YEARS.

I WOULD LIKE TO TAKE THIS OPPORTUNITY TO CONVEY MY SINCERE THANKS TO ALL MEMBERS FOR THEIR SUPPORT THAT I HAVE RECIEVED DURING MY TERM AS PRESIDENT, ITS HARD TO PLEASE ALL MEMBERS AND I APOLOGISE TO ANYONE WHO FEELS THAT I DONE SOMETHING THAT DOES NOT PLEASE THEM.

BUT IN CLOSING I HAVE DONE THINGS TO THE BEST OF MY ABILITY, I TRIED MY HARDEST AND I LEAVE THE POSITION KNOWING I WOULD NOT DO IT IN ANYWAY DIFFERENT.

**DOUG RAPER
VK3VBA**

It is with sadness that I report that from Tony VK3AAZ, that Bill Lyon VK3KBL, passed away today, Saturday, around 5pm after a duration of illness of aggressive cancer in the brain.

I have no other news yet, details of funeral arrangements are yet to be known.

WANSARC has lost a good friend, mentor, teacher and one of Melbourne's original ATV operators.

**Mick
VK3CH**

To prevent this from happening and causing injury, do not heat any liquid for more than two minutes per cup. After heating, let the cup stand in the microwave for thirty seconds! Before moving it or adding anything into it.

Here is what our local science teacher had to say on the matter: 'Thanks for the microwave warning. I have seen this happen before. It is caused by a phenomenon known as super heating. It can occur anytime water is heated and will particularly occur if the vessel that the water is heated in is new, or when heating a small amount of water (less than half a cup).

What happens is that the water heats faster than the vapor bubbles can form. If the cup is very new then it is unlikely to have small surface scratches inside it that provide a place for the bubbles to form. As the bubbles cannot form and release some of the heat has built up, the liquid does not boil, and the liquid continues to heat up well past its boiling point.

What then usually happens is that the liquid is bumped or jarred, which is just enough of a shock to cause the bubbles to rapidly form and expel the hot liquid. The rapid formation of bubbles is also why a carbonated beverage spews when opened after having been shaken.'

At its Meeting held on 14th July, BARG Committee resolved to recommend to the Annual General Meeting to be held on 30th July, that Subscriptions for the 2010 - 11 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 2011.

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.

I would like to remind you that payment may be made either by cheque or cash, and I'll make sure I have plenty of change on hand! Payment may also be made by Electronic Funds Transfer directly into the following Bank Account -

Account Name: Ballarat Amateur Radio Group
Bank: Commonwealth Bank of Australia
BSB: 063-502
Account Number: 0090 7175

If paying by EFT, will you please use either your Surname or Callsign as the reference, to ensure I am able to correctly receipt your payment.

Your cooperation will be greatly appreciated.

With kind regards and thanks,

Peter Pollard VK3FPOL
Honorary Treasurer