



BARG News

Ballarat Amateur Radio Group

Inc. #6953T

October

Monthly Newsletter

Next Meeting

Friday 25th September 2015 @ 7.30pm

At the B.A.R.G. Club House, Ballarat Airport

All Welcome



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

We're on the web
www.barg.org.au

Presidents Report

Well the start of another year for BARG, we have the Hamvention knocking on our door (25th of October) please help is needed the day before and on the day to make it successful.

This is not my first attempt as President hopefully i get better each time, it would be great to see new names on the Presidents board instead of the already recycled ones we have lots of new members who would be very capable of filling this roll.

I must congratulate the members who held the various positions last year i would like to thank the technical people for the wonderful work they carried out and then there is Doug (FDRE) our secretary who tells us he is getting better at the job well Doug your apprenticeship is finished you are more than fully qualified for the job.

Well thats all for me look forward to seeing you all on Friday night oh by the way we have a great prize for our raffle

Many thanks to Dr John for his donation.

Doug vk3vba

Ballarat Amateur Radio Group Hamvention

Sunday the 25th of October

Ballarat Greyhound Racing Club

Corner of Rubicon and Sutton Streets, Ballarat. 3350. (next to the Trotting Track)

- * Doors open at 10:00 am.
- * Entry is \$6.00 per person and cost of hiring a table \$10 each (1.8m)
- * There will be Trade displays from the usual traders.
- * The usual and popular pre-loved equipment displays and sales.
(you never know what you may find!!.)
- * Food and drinks will be available on the premises.

FOR INFORMATION AND BOOKINGS CONTACT:

Hamvention Coordinator: Roger VK3ADE Email To: hamvention2014@barg.org.au



A Word From The Editor

Welcome to the October edition of the Ballarat Amateur Radio Group newsletter. The month seem to have flown by. The days are starting to get a little bit longer, and a bit warmer. Perfect for getting out and doing a bit of radio from the field.

The Hamfest is on again on the 25th. There's been a great take up of tables, so it looks like it'll be a cracker of an event this year. We do need help getting the site set up and pulled down on the day. This isn't too hard if there's a good group of people. And of course it also means you get an early look at the great stuff coming in the door.

Last meeting was the AGM. Yours truly is the editor of the newsletter for the next year. The newsletter is only as good as the contributions.



Geri, VK3MEK, has very kindly offered to mail out hard copies to those members who have no access to email. I'm afraid those folk have been missing out for a while now. Thank-you Geri.



A quick reminder that subs are now over due. Most members have paid. If your still too, they can be paid at a meeting night or paid direct deposit to our bank. Subs have remained at \$40 individuals and \$50 Family. Great value really.

The Bendigo Bank.
Acc title: BALLARAT AMATEUR RADIO GROUP.
BBS 633-000.
ACC. No 142591247.

Please include name and call sign to be included when deposit made so we can track it down and reply with a receipt.

For those that know club member Hutch, VK3FHUT, he's currently in Royal Melb Hospital in intensive care with a serious infection. He was in the Base but removed to Melb last week. He's not receiving visitors at the moment.

Thanks also to those who've put forward articles.

Malcolm

VK3MEL

Round the Web

Peter Marks over at **marxy's musing on technology** blog has built an ozQRP MDT Double Sideband transceiver kit that was covered here a couple of issues ago. Worth a mention as he closes with a signal report from our own VK3AXH.



Check it out here:

<http://blog.marxy.org/2015/09/ozqrp-mdt-double-sideband-transceiver.html>

Chess player caught 'using Morse code to cheat

An Italian chess player has been kicked out of one of the country's most prestigious tournaments after allegedly using a camera and Morse code to cheat.

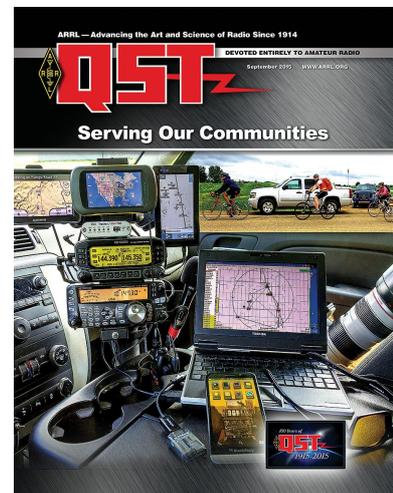
Mr Coqueraut said he began to suspect something was wrong early on in the competition. The 37-year-old player was also "batting his eyelids in the most unnatural way", Mr Coqueraut said.

"Then I understood it," he said. "He was deciphering signals in Morse code."

<http://www.bbc.com/news/world-europe-34184940>



- P4/5 Index.
- P9 FCC has rezoned their 80/75M band. What will happen next?
- P13 Inside HQ. Reports of the ARRL doings.
- P24 Letters in. Various subjects covered.
- P30 Take down Yagi for 2M. 3elements using flexible steel tape measures. Suitable for Fox hunting or Satellite and general use.
- P33 NEW PRODUCTS: Compact HF Receiver covers 3.5 to 10.7 MHz in 3 bands. Single conv superhet AM,SSB,CW. . 75-NS-3 in kit form or built. www.nationalrf.com U\$184.95
Supply for Raspberry Pi from Geppetto 5V@2A. tindie.geppettoelectronics.com U\$15
- P34 FSQ Fast simple QSO. New Digital chat mode by ZL1BPU and ZL2AFP designed for short distance HF single hop chats using NVIS. Pictures are allowed to. Contact Murray at denwood@orcon.net.nz
- P40 Build a Rapid Deployment Go-Box. Ideal for Fd days as well as Emergency deployments.
- P42 Make an ANDERSON Pole Power adaptor for your bench supply.
- P44 Transmit & Receive on same frequency. Do you believe the Digital readout or is it in need of recalibrating. Read on then.
- P46 REVIEW: Wouxun KG-UV8D Dual band handheld Transceiver. Larger display and more features. www.wouxun.com and www.powerwerx.com
- P49 REVIEW: Target Tuner—Control box for Screwdriver antennas. www.westmountainradio.com
- P51 REVIEW: Heil Sound PRO 7 Headset.
- P52 REVIEWS: Two audio filters. MFJ-752D Enhancer 2 and the Idiom Press SCAF-1
- P56 The Doctor is In. Electret mikes, 2M 1/2wave antennas, Lightning grounded towers.
- P58 Hands on Radio Ex#152 Improvisation.
- P61 Tech Correspondence looks at using Antenna Tuners as Preselectors.
- P63 Hints: Continuity checker, Unique template maker, Plating Nichrome wire, Cooling a Hot RFI Problem.
- P67 Generalised Structure for a Deployment Planning.
- P96 Vintage. TheEF>Johnson Viking 2 AM and CW Transmitter.
- P104 QST indexes from Sept 1940, 1965 and 1990.



73 Craig VK3KG

As I'm lying around, pondering the problems of the world....

I realize that at my age I don't really give a rat's arse anymore.
 If walking is good for your health, the postman would be immortal.
 A whale swims all day, only eats fish, drinks water, but is still fat.
 A rabbit runs and hops and only lives 5 years, while

A tortoise doesn't run and does mostly nothing, yet it lives for 150 years.
 And you tell me to exercise?? I don't think so.

- P4/5 Index.
- P24 Letters in.
- P30 Pocket Shack Project Use a tablet computer or Smartphone.
- P33 Audio Notch filter & Clipper.
- P36 Headphone Amp for the Hearing Impaired Amateur.
- P39 Program Android Amateur Radio Apps with *MIT App Inventor 2*
- P43 DirtyDigital. Keep yours clean.
- P46 Review. The NIBBLER still around, can cut round or square holes easily.
- P47 REVIEW: ACOM 600S160-6Meter Linear Amplifier.
- P50 MFJ-1742 Extended Double Zepp Wire Antenna.
- P51 MFJ-618 Dual channel Speech Intelligibility Enhancer.
- P53 Quicksilver Radio Products Q-PWR Micro meter.
- P54 Micro-Node IRLP/Echo Link Nano Node.
- P57 The Doctor is in. Making Sense of RF Ammeter Readings.
- P59 Hands on Radio. Experiment #151 Quist Quizzes You need to read it.
- P61 Hints, Two ears, Two fuses, Two Blades. Rotator cable coding, Repair Ameritron Linears.
- P64 Walking a 150 m,ile rocky Rdio summits.
- P68 DAYTON 2015 Roundup. Some photos of special deals.
- P72 Historical [Aug 1977] The Beverley Hills Disaster. 161 lives lost.
- P93 World above 50MHz. Transatlantic Tropo.
- P98 Vintage. The ATLAS story continued.
- P101 QST Index for August 1940, 1965 and 1990.
- (BARG library holds many of these older magazines in the library.)
- P103 The Volt-Ohm Meter.
- P.156 QST index to Advertisers.



73 Craig VK3KG

Insensitive men!!

A couple were Christmas shopping. The shopping centre was packed, and as the wife walked through one of the malls she was surprised when she looked around to find that her husband was nowhere to be seen. She was quite upset because they had a lot to do and hence, she became so worried that she called him on her mobile phone to ask him where he was. In a quiet voice he said, "Do you remember the jewellers we went into about five years ago where you fell in love with that diamond necklace that we couldn't afford, and I told you that I would get it for you one day?" The wife choked up and started to cry and said, "Yes, I do remember that shop." He replied, "Well, I'm in the pub next door."

- P4/5 Index.
- P9 How Low can you Go? The moving of Amateurs to unwanted" frequencies.!.
- P24 Correspondence from members.
- P35 A Flag Receiving Antenna for 160Metres. .
- P39 Repair and Restore a MOSLEY HF Beam.
- P41 More Uses for the Web Cam Microscope.
- P43 Fox-1: New Era of Amateur Satellites.
- P46 Eclectic Technology looks at Windows 10.
- P47 REVIEW: Kenwood TS-590SG HF & 6Meter Transceiver.
- P55 YouKits MT-1 QRP Antenna Tuner Kit.
- P57 The Doctor is In. Answers questions about various Antenna design & construction queries.
- P59 Microwavelengths discusses Affordable Microwave Test Equipment.
- P63 Tech Correspondence looks at, 1.the effect of Small HF Loop near fields on DF ing..
2. UPS safety concerns. 3. Low noise oscillator design. .
- P66 Hints and Kinks: Ant mounting on a Truck. Auto powertap with blade fuse splitter.
12Volt power Strips and using Clothespins for antenna spreader.
- P68 Helping Amateurs with disabilities & studying for their licences.
- P75 Two new Amateur bands: 2200 and 630 Meters.
- P79 PublicService: Outside the Go-box. Should be more than a radio and cables.
- P93 World above 50 MHz. looks at April Showers.
- P98 Stage set for WRC 2015. Starts in Geneva on 2 November.
- P99 Vintage Radio: Part 1 of two series about rise and fall of a legendary company.
- P101 Whats happening with the FCC in exams and paperless licence accreditation.
How close do we follow on.?
- P104 QST Index's for July 1940, July 1965 and July 1990.
- COMMENT: The BARG Library does hold many of these older magazines..*
- P 156 QST Index of Advertisers.



73 Craig VK3KG

- P5 Contents page.
P6 Keylines: Our changing hobby .
P7 News desk. New products and awards. Morse Mouse App. UL Licence changes.
P10 EMEwith Adaptive Polarisation at 432Mhz by Joe Taylor K1JT. PART 1.
P14 Reviwq Panorama Antennas. VHF and UHF mobiles. By G3XTT
P15 Another reviewer for Panarama Antennas. By G4VXE
P18 Goerge Dobbs G3RJV writes his final column. This time roll your own Coil winding.
P23 Valve & Vintage looks at the UF-1 transceiver www://tinyurl.com/lxz824p and the R31 used by the RAF in pre WW2 days in the Atlas twin wing aircrafts.
P25 Design and Operation of the Phase Locked Loop.
P30 Rallies and Field Days. Take care buying second hand gear.
P34 Repairing a FT817. Very popular radio. There is a "secret"fuse in there somewhere. !
P36 An Arduino Power Meter. Good to 500MHz. An interesting article.
p42 Summits On the Air.
P46 Fitting FM retrospectively and Transistor Equivalents.
P50 Portable Operating & Trigpointing.
P54 An Expedition to Mt Athos that never was.
P58 Cape Verde with interstingPropagation.
P61 NFD Is it Dying?
P63 Letters.
P71 Traders table
P69 Classified Advertisements.
P72 Radio Book Store Direct orders taken.



73 Craig. VK3KG

Now that I'm older here's what I've discovered:

1. I started out with nothing, and I still have most of it.
2. My wild oats are mostly enjoyed with prunes and all-bran.
3. I finally got my head together, and now my body is falling apart.
4. Funny, I don't remember being absent-minded.
5. If God wanted me to touch my toes, he'd have put them on my knees.
6. If all is not lost, then where the heck is it?
7. It was a whole lot easier to get older, than to get wiser.
8. Some days, you're the top dog; some days you're the lamp post.
9. I wish the buck really did stop here; I sure could use a few of them.
10. Kids in the back seat cause accidents.
11. Accidents in the back seat cause kids.
12. It's hard to make a comeback when you haven't been anywhere.
13. The world only beats a path to your door when you're in the bathroom.
14. Funny, I don't remember being absent-minded.
15. When I'm finally holding all the right cards, everyone wants to play chess.
16. It's not hard to meet expenses . . . they're everywhere.
17. The only difference between a rut and a grave is the depth.
18. These days, I spend a lot of time thinking about the hereafter. I go somewhere to get something, and then wonder what I'm "here after".
- 19.. Funny, I don't remember being absent-minded.
- 20.. HAVE I SENT THIS MESSAGE TO YOU BEFORE?

Salguod

Puns for Educated Minds

1. The fattest knight at King Arthur's round table was Sir Cumference. He acquired his size from too much pi.
2. I thought I saw an eye doctor on an Alaskan island, but it turned out to be an optical Aleutian.
3. She was only a whiskey maker, but he loved her still.
4. A rubber band pistol was confiscated from algebra class, because it was a weapon of math disruption.
5. No matter how much you push the envelope, it'll still be stationery.
6. A dog gave birth to puppies near the road and was cited for littering.
7. A grenade thrown into a kitchen in France would result in Linoleum Blownapart.
8. Two silk worms had a race. They ended up in a tie.
9. A hole has been found in the nudist camp wall. The police are looking into it.
10. Time flies like an arrow. Fruit flies like a banana.
11. Atheism is a non-prophet organization (as is weather forecasting).
12. Two hats were hanging on a hat rack in the hallway. One hat said to the other:
'You stay here; I'll go on a head.'
13. I wondered why the cricket ball kept getting bigger. Then it hit me.
14. A sign on the lawn at a drug rehab centre said: 'Keep off the Grass.'
15. The midget fortune-teller who escaped from prison was a small medium at large.
16. The soldier who survived mustard gas and pepper spray is now a seasoned veteran.
17. A backward poet writes inverse.
18. In a democracy it's your vote that counts. In feudalism it's your count that votes.
19. When cannibals ate a missionary, they got a taste of religion.
20. If you jumped off the bridge in Paris, you'd be in Seine.
21. A vulture boards an airplane, carrying two dead raccoons. The stewardess looks at him and says,
'I'm sorry, sir, only one carrion allowed per passenger.'
22. Two fish swim into a concrete wall. One turns to the other and says 'Dam!'
23. Two Eskimos sitting in a kayak were chilly, so they lit a fire in the craft. Unsurprisingly it sank, proving once again that you can't have your kayak and heat it too.
24. Two hydrogen atoms meet. One says, 'I've lost my electron.' The other says 'Are you sure?' The first replies, 'Yes, I'm positive.'
25. Did you hear about the Buddhist who refused Novocain during a root canal? His goal: transcendental medication.
26. There was the person who sent ten puns to friends, with the hope that at least one of the puns would make them laugh. No pun in ten did.

Salguod

Ed: That hurt...