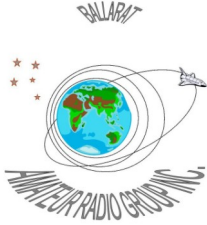


# BARG News



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

**VOLUME 34 ISSUE 9 SEPTEMBER 2011**



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

**NEXT MEETING - FRIDAY September 30, 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](mailto: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	VK3AQM
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](mailto: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](mailto: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



## QST Report with Craig, VK3CMC

Content review of current QST in library

### QST Review 2011- July.



QST Review 2011 – 7 July.

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

- P33 Custom made Open Wire line. Make your own spacers.
- P37 Solar Indices. What do they mean.
- P39 Gain Twist 75/80M Mobile Monobander antenna.
- P43 Electronic Kits still in the picture.
- P46 Product Review Kenwood TH-D72A Dual bander HTT
- P50 Down East Microwave ! 1/4Meter transceiver.
- P51 Tennadyne T-28 VHF/UHF Log Periodic antenna. 50-1300Mhz.
- P53 Tech Correspondence. "Hi Power sampler" Daiwa CN-801 bulb replacement, Error Detection & Correction.
- P55 The Doctor. Sunspots, Find coax Zo, PSK31, Circular Polarisation, Feeding two DE from one coax, Bands or frequency..
- P57 Short Takes Ten-Tec 1054 SW Receiver kit available.
- P58 Hands on Radio. Exp 102. Detecting RF. Part 1.
- P60 Hints & Kinks. LED replacement for Bayonet bulbs.
- P63 After the 73's. How to confirm contact by QSL ing.
- P87 World above 50Mhz. A review of last Ten years column.
- P92 Eclectic Technology FM Amateur TV on the cheap.
- P93 Vintage Radio: Amateur Telegraph stations. Read about the two men who became the co inventors of the coaxial cable.
- P98 Index from QST July 1936, 1961 and 1986.
- P148 Index to all Advertisers in this QST edition.

Craig Cook  
VK3CMC  
July 2011



## QST Report with Craig, VK3CMC

Content review of current QST in library

QST Review 2011- August.



QST Review 2011 – 8 August.

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

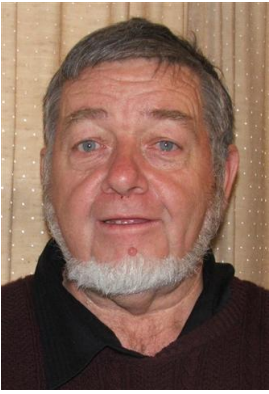
- P30 Modified Mouse FET Low Power Transmitter. 10Watts on m40M.
- P34 Suspended Quarter wave 40M wire vertical monopole antenna.
- P37 Voice operated straight key for hands free operation.
- P40 Sound card interface for RTTY FSK signals.
- P43 Review: Ten Tec Model 599T HFN & 6M transceiver.
- P48 Review Ten-Tec 777 Dx PRO Headset.
- P49 New Products. QRP step Att/Dummy load kit. \$US49.  
Comet CAA500 Ant Analyser. \$US 449.
- P50 The Doctor. Answers many questions on antennas and tuning up.
- P52 Getting on Air. What do Automatic Atu do and how do they work.
- P54 Hands on Radio. Exp 103 Detecting RF. Part 2.
- P56 Hints & Kinks. Worth checking out.
- P58 Geo Fox Radiosport Activities.
- P61 To Log or Not. Worthwhile reading.
- P64 Whats New at the Dayton 2011 Hamvention.
- P84 Hows DX. TO2FH 2011 Mayotte Is Dxpedition.
- P86 World above 50Mhz. A new chapter starts.
- P90 Vintage Radio. Continues stories from 1904
- P92 Ecletic Technology. PACTOR 4 Has arrived.
- P96 QST Index for Aug 1936, 1961 and 1986.
- P148 Index to Advertisers this month.

Craig Cook  
VK3CMC  
Aug 2011

## FOR SALE

For sale item is a 2m "Dingo" antenna.  
Price \$50  
Pickup from Bacchus Marsh (I can't drive)  
Call 0425 721 442

Wenlock, VK3YWB



**Craig - VK3CMC**

# *Presidents Report*

## **PRESIDENTS POTLUCK.**

Well we have missed a newsletter last month because there was nothing to put in it.

The Editor can't put something out without someone puts something in to him.

Please consider sending in some news of what you have been doing in or out of the shack that others may care to read about. We used to have some DX notes sent in by those who worked out of the country. What about some input about who is working what.

Recently we had an exam at the club rooms and saw two successful Foundation licensees emerge. One is club member Darren Lancaster now VK3FAOE and Tony who hasn't received his call sign yet. Club Life member Phil Seddon has been able to pick up his old call sign and I hope to hear him operating again as VK3AQM. Congratulations to all.

Last month we had a very interesting presentation from club member Pete VK3HEX on the Air services Emergency fire brigade and their role about the airports around Australia. They are responsible not only for fires involving aircraft but the buildings and facilities as well.

Pete spoke at length and showed some slides of the operation at Tullamarine airport.

On a sadder note Pete is departing from Ballarat to take up new employment in Canberra so we wish him well in the new position and hope that he can get his station set up quickly and maybe drop into the club net occasionally.

Speaking of nets we now conduct a Tuesday night net on the Ballarat two metre repeater VK3RBT [91.5Hz] as well as on 3608Khzs every Thursday night under the club call VK3RBL.

Initially the Tuesday net had good turn up but has dropped to about five each night. As both nets are at 2000hrs it shouldn't be too hard to pop in and have a chat before settling into a TV program. Warmer weather is nearly here so no excuses about cold shacks.

Reminder that we have a presentation at the meeting this month and also in October we will have Drew Diamond talking about those lower frequency bands and how to construct the transmitters and receivers. We will have some visitors that night coming to join us as well.

Finally I would like to report that David VK3KQT was heard on air last week using the VK3RBL Remote Base on the Thursday night net. After some adjustments to levels etc. it now appears to operational again. To use the Base members need to be registered and have a password to access. It will automatically program the radio set up to allow you the band transmit function and power level based upon your license grade. Contact Harry VK3KGL for a password registration and further detail to try it out. We still have to carry out some work with the antenna relay selector box before all bands can be used.

**REMEMBER ...** The clubs Hamvention at the Greyhound race track on Sunday 23 Oct tables are being booked now. Contact Bill VK3PAL.

73 Craig  
VK3CMC

# **BARG HF FIELD DAY SUNDAY 13<sup>TH</sup>. NOVEMBER 2011.**

This is hoped to be a fun day with as many BARG members participating as possible to give you the chance to operate portable at the place of your choice for as long as you want and even invite friends to join in. There are a few rules and to top it off there is a nice prize offered to the winning station which will be presented at the November BARG meeting.

## **Rules.**

**Band** 40m. 7050khz to 7100khz.

**Mode.** Voice Modes.

**Time.** 10.30am – 3.30pm.

- Members may operate as long as they wish within the above time slot and may change portable QTH as required but must be shown on Log sheet.
- Members exchange numbers as per standard contest procedure, eg 59001 as the first contact including call sign worked, time and frequency.
  
- Score 5 points per contact with each club member.
  
- Score 1 point per VK3 non club member.
  
- Score 2 points per VK1/2/5 non club member.
  
- Score 3 points per VK4/6 non club member.
  
- Score 1 point per DX contact.
  
- Score 6 points for contacting the club station VK3BML.
  
- For scoring purposes only one contact per station is permitted.
  
- Record time in local time and no Grid square information required.
  
- Transceiver Power to be shown along with antenna details.
  
- Log sheets are to be forwarded to Harry, VK3KGL, 29 Cromwell St, Sebastopol, 3356 showing your point score total. Your log sheets can be submitted electronically, posted, or hand delivered but must be submitted by 5pm on Wednesday 23<sup>rd</sup> November 2011.

The decision of the adjudicator will be final and no correspondence will be entered into.

**The prize for the winning station is an ATTEN model DT 9205A 3.5 Digit Digital Multimeter. 20A, AC/DC, Frequency and a transistor tester.**







## WHAT'S COMING UP ?

This months Gen meeting we will have a presenter with slides on screen and next month [Oct] will be Drew Diamond on the Lower freqs below 160M and hopefully have some gear to look at for the constructors in the club.

Any visitors are most welcome to attend.

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## CLUB ASSISTANCE FUND COMMUNITY RAFFLE 2011.

### Rotary Club of Ballarat South.

Attention ALL BARG club members, Yes this raffle is on again and we are seeking your help in selling these tickets. Remember 80% of the ticket money sold by you comes back to BARG. This is a major revenue raiser for BARG so please give it your best shot.

Raffle books are available from the Secretary Doug 0421974667. He will mail out to you or you can contact him to pick them up or get them at the next BARG meeting.

We would like to think that each member could take at least one book even if you buy them yourself it's a cheap car at \$20 for the "Little Ladies birthday" or Christmas!

Even the third prize the Holden Barina would definitely make a great Fox Hunting unit!

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### FOR SALE

Just to let you know that I am leaving Ballarat and moving to Canberra for work. Thank you so much for the opportunity to be a part of BARG. Whilst short-lived, you have a great bunch of members.

For info, I have a wind up tower that I am selling. Its is a 2 section tower (Ex George Fowler's tower). It winds up to approx 40 feet I think. Its very solid and in good condition.

Can you please advise BARG ASAP as we need to be out of our house on the 5th October. {Wed}

My phone number is 0439 075 286.

Thanks,

Pete McMahon (VK3 HEX)

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### PLEASE NOTE !

There are no more COFFEE MORNINGS at Beechworth at the moment.

COFFEE MORNINGS will now be at the clubrooms from now on.







The Thursday BEFORE general meeting. 4<sup>th</sup> Thursday.

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