



*Ballarat Amateur Radio Group
Inc. #69537*

*November
Monthly Newsletter*

Box 1261, Mail Centre, Ballarat, Victoria, 3354, Australia

Next Meeting

28th November 2014 @ 19:30 hours
(7.30pm)



Office Bearers And Contacts

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Monthly Calender

- General Meeting:** 28th November 2014 @ 19:30 hours
- Construction Night:** 1st December 2014 @ 19:30 hours
- Committee Meeting:** 17th December 2014 @ 19:30 hours
- VHF Net:** Every Tuesday night at 20:00 hours
- HF Net:** Every Thursday night at 20:00 hours

Special Event: 12th December 2014 Christmas Breakup at 18:00 hours

PRESIDENTS CORNER

Congratulations goes out to the four candidates that completed their foundation licence on the 4th and 5th of October.

Michael from Stawell, who received the callsign of VK3FKAK. Katherine from Weribee, who received the callsign VK3FKAT. John from Ballarat, whom we have not been able to contact to find out his callsign. And Julianne from BARG, who received the callsign VK3FJMD. Well done everyone.

Dates for Next Year

With the 2014 year winding up. The dates for next years meetings are yet to be announced, but just to remind everyone there is no *General Meeting* in December. And no *Construction Night* in January.

Overdue Subs

This is a friendly reminder to those who have not paid their dues. As of the end of October you are technically not a member anymore. So please if you haven't paid please do so as soon as possible.

The President
Ballarat Amateur Radio Group (BARG)

Darren VK3FAOE

Special Guest Speaker

Special guest speaker at this months *General Meeting*. Our very own Dr John Hazledine is going to give a short talk (with photographs) on his most recent trip. Hope to see you all there as this will be a very interesting talk. As we all know Dr John can be very entertaining. Looking forward to this Dr John.

Julianne VK3FJMD

Christmas Break Up Function

This years Christmas Break up will be held at the Miner Dome, Cnr of Grevillea Road and Dowling Street, Wendouree.

This will be held on the 12th December at 18:00 (6pm).

This function will run similar to the Dining in nights, you will be required to pay for your meal and drinks on the night.

For further information contact Lachie VK3ALM.



MICROWAVE CORNER

This years VHF/UHF Spring Field Day took place on the weekend of 22/23 November 2014. The clubs microwave group decided to take part although not in a competitive manner but mainly to test recently built equipment for this event and other activities.

Mt Buninyong although not the preferred site was selected as the trees gave some protection from the fierce winds on the Saturday but not an ideal location for the higher microwave bands.

Those participating on the Saturday were John VK3AIG with 2m, 2.4G and 3.4G
Ian VK3AXH with 2m, 70cm, 23cm, 2.4G, 3.4G 5.7G and 10G
Ian VK3IDL with 23cm, 2.4G 3.4G and 5.7G

Dean VK3DAE was on Mt Buninyong on Sunday and heard on both 2m and 70cm.
Mal VK3FMAL also called in and said hello whilst on a walking exercise up the Mt.

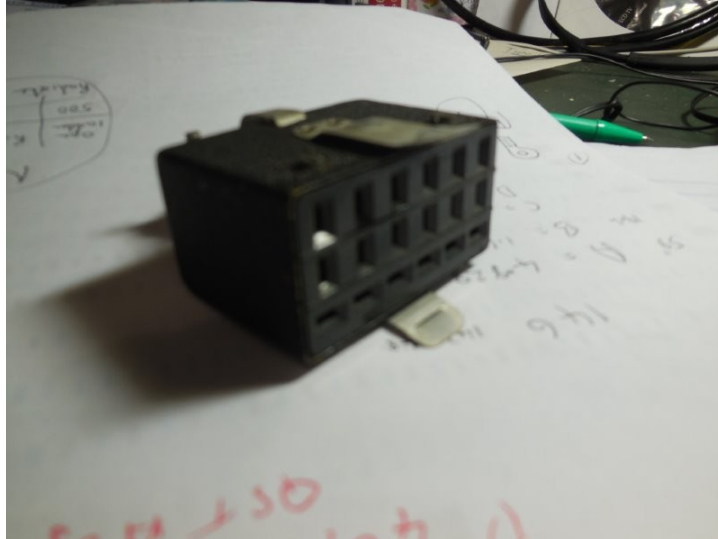
Some photo's of the participants and their set up is shown below. All managed to have contacts on each of the bands with distances from Mt Buninyong to Mt Dona Buang. Mt Gambier stations were heard on the Saturday but propagation was not as good as previous field days however things improved later in the evening when Ian VK3AXH got home and re-setup his gear was able to complete with VK5SR Mt Gambier on bands 2m, 70cm, 23cm and 2.4G.

Overall a great outing and all look forward to the next field day. If you are interested in seeing what goes why not visit us during the next activity day. Ask any of the microwave enthusiasts for info.

73, Ian - VK3AXH

Classifieds

WANTED WANTED A 18 pin MALE Jones plug to mate with this Female as shown in the picture. It doesn't matter if there is no shellback as I can transfer the one I have. I am afraid that the depth of my collection in the container does not include the wanted article ! 73 Craig VK3KG



More Hamvention Photos



Just after setup before coffee time

Showing the crowd during the day



More Hamvention Photos



During the day at some stage

Hackspace set up which was fun



Gorgon VK3FGC
And Bob VK3BNC

Silicon Chip

November

Review by

Craig VK3KG

P16 *Gorilla Glass. Unbelievably Tough & Flexible.*

P24 *Watch TV on your ANDROID Smartphone, Tablet or Laptop.*

P57 *Solar Smoothing: What happens when the Sun Goes out.?*

P76 *How to Find Faults in Coaxial Cables using TDR.*

P81 *The State of Play with Electric Vehicles.*

P86 *The TV Channel Restack & What it Means to Viewers.*

PROJECTS TO BUILD.

P28 *Currawong 2 x 10W Stereo Valve Amplifier Pt 1.*

P40 *A 48V Dual Phantom Power Supply.*

P66 *Programmable Mains timer with Remote Switching.*

P82 *One-chip 2x5W Mini Stereo Amplifier.*

SPECIAL COLUMNS.

P58 *The Servicemans Log.*

P46 *Circuit Notebook.*

P92 *Vintage Radio.*

DEPRTEMENTS.

P4 *Publishers letter*

P6 *Mailbag.*

P65 *Subscriptions*

P90 *Online Shop.*

P97 *Product Showcase.*

P98 *Ask Silicon Chip*

P101 *Notes & Errata.*

P103 *Market Centre.*

P104 *Advertising Index.*

QST

November

Reviewed by

Craig VK3KG

P4/5 Index.

P9 Rentry. The FCC reviews lapsed licence renewals without retesting.

P13 The ARRL testing Lab Part 2: RFI.

P24 Letters from members.

P30 Motors and Mechanisms in the Shack. Servos, Selsyns and Steppers.

P33 Locating RF Interference at HF.

P40 Add USB connectivity to a Kantronics KPC-3TNC.

P43 Review: Hiberling PT-8000A MF, HF & VHF Transceiver.

P53 Review: OM Power OM2500A HF Power Amp.

P56 Review: ERC-M Rotator controller & PSTRotatorAZ Control software.

P58 Preview: Smart Tweezers ST5 LCR Meter for smd and other components.

P60 Preview: MFJ 4603 Through window Antenna panel.

P61 Review: Telewave 44AP RF Wattmeter.

P63 Preview: A Carolina Windom 80 Antenna kit.

P65 The Doctor on Folded Dipoles Wideband or not.? Other antenna questions.

P68 Hands on Radio. Exp 142 Inductors at RF.

P70 Eclectic Tech. Free DV goes portable.

P71 Antenna notes. Coaxial loops and "Great balls of Fire"

P73 Hints & Kinks. Large current shunts, Karo coating and Powerpoles in a bind.

P78 The USS Shenandoah air ship C1924.

P83 Public Service. To operate in winter with snow and ice.

P92 How's DX. ? Andaman & Nicobar Islands rare IOTA island.

P94 World above 50 Mhz. End of season look at trends.

P99 Vintage Radio: The DRAKE TR-7 Transceiver.

P105 75,50 and 25 years ago. The index.

73 Craig

VK3KG

Practical Wireless

November

Reviewed by

Craig VK3KG

P6 Keylines looks at band activity and off air socials.

P7 News. Roundup of UK & International news along with new products and events.

P10 Review: Vertex Standard EVX-539 handheld UHF. [403 - 470Mhz.]

P12 Construction project of a Dummy load HF and up to 70cm.

P16 The RSGB held a convention. Read all about Milton Keynes in mid October.

P17 2SZ story. Special event marks first round the world contact between the UK and New

Zealand in 1921. The band was 200 metres.

P21 ON4KST and LOTW. A chat system and the ARRL Log Book of the World.

P26 Technical for the Terrified. Looks at the HARTLEY and COLPITTS variable oscillators.

What are they you ask? Well read on.

P30 RTTY in the RAF. C1950-1960. One man remembers his service.

P32 Buying second hand gear: FT817, FT857D, IC7000 and what to look out for.

P36 Digital Voice. Two part look at digital voice and a D-STAR introduction.

P42 Carrying on the Practical Way looks at finishing off a two band receiver on some small PCB's.

P45 RFI, Heatsinks and Linear Amplifiers. With Harry Leeming.

P48 The mystery Morse Key Part 2. Read about Lyn Battle VK4EI 's mysterious key.

P54 On air behaviour, a low antenna and a new morse key are covered here.

P57 Digital Voice with Software.

P62 Readers Letters.

P66 Practical Wireless Index 2014.

Jokes and Bits and Pieces

As an old ham reminded me "Insects have antennae; Radio people have aerials"

Sign over a Gynaecologist's Office:

"Dr. Jones, at your cervix."

In a Podiatrist's office:

"Time wounds all heels."

On a Septic Tank Truck:

Yesterday's Meals on Wheels

On the back of another Septic Tank Truck:

"Caution - This Truck is full of Political Promises"

At an Optometrist's Office:

"If you don't see what you're looking for, you've come to the right place."

On a Plumber's truck:

"We repair what your husband fixed."

On another Plumber's truck:

"Don't sleep with a drip. Call your plumber."

On an Electrician's truck:

"Let us remove your shorts."

In a Non-smoking Area:

"If we see smoke, we will assume you are on fire and take appropriate action."

On a Maternity Room door:

"Push. Push. Push."

At a Car Dealership:

"The best way to get back on your feet -miss a car payment."

Outside a Muffler Shop:

"No appointment necessary. We hear you coming."

In a Veterinarian's waiting room:

"Be back in 5 minutes. Sit! Stay!"

At the Electric Company

"We would be delighted if you send in your payment.

However, if you don't, you will be delighted."

In a Restaurant window:

"Don't stand there and be hungry;

come on in and get fed up."

In the front yard of a Funeral Home:

"Drive carefully. We'll wait."

And don't forget the sign at a

CHICAGO RADIATOR SHOP:

"Best place in town to take a leak."

SALGUOD

B.A.R.G Items For Loan

Antenna Analyser MFJ249 HF/VHF
Antenna Analyser MFJ269 HF-VHF-UHF
Antenna Analyser VHF. Autek
Antenna Gin Pole.
Grid Dip Oscillator.
Oscilloscope BWD 509.
Receiver Drake SSR-1
Receiver FRG-7.
Transceiver TS-530.
UHF Antenna Analyser

HEWITT & WHITTY Pty. Ltd. Outdoor Power Equipment	
Cnr Carngam Road & Wiltshire Lane Ballarat VIC 3350 Phone: (03) 5336 1344 Fax: (03) 5336 1027	Damien Hennessy Sales / Spares Mobile: 0417 313 811 Email: damo_611@hotmail.com
	     

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Notices from the Editor

The cut off date for articles to be submitted for the December newsletter, will be 22nd December 2014 by 12:00 hours. This will allow me time to produce the newsletter, and send hard copies to the members by 18:00 hours mail.

Anything that is received after this time will be placed into the next newsletter unless it comes to me marked urgent then i will endeavour to put it into the current newsletter.

Items can be sent to me by email on news_editor@barg.org.au or by post to the address on the front of the newsletter. Thanks All.

Signed the newsletter editor.



*Disclaimer: I have attempted to produce a fair and accurate newsletter from the information provided to me. If I have failed by error or omission, I apologise.
The newsletter editor.*