



Founded 1979 Incorporation No A6677 P.O. Box 692, Shepparton 3632
June 21

VK3RGV repeaters and transmitter operating frequencies Mt Wombat

53.725MHz (-1 MHz), **In Service** 146.65MHz (-600 kHz), **In Service**
438.2MHz (-7 MHz -D-Star), **In Service** 438.650MHz (-7 MHz 91.5 Hz tone), **In Service**
438.900MHz (-7 MHz - DMR), **In Service**
439.775MHz (-5 MHz), **In Service, IRLP (node #6990)**
476.475 MHz (+750 kHz) CB Repeater WBT03 Channels 3- 33, **In Service**
VK3RDS, 438.7625 MHz (-7 MHz DMR) **Shepparton on test @ VK3YNV QTH**
Mount Major VK3RDU repeaters, 146.850 MHz and 439.875 MHz

Access to most analogue repeaters is by sub-audible 123 Hz tone or noise/carrier mute (less sensitive).
Your TX offset shown in brackets

Club informal on air get togethers - Wednesday evenings. All welcome. Club call sign VK3SOL:-
2mx repeater 8.00pm 146.650 MHz, 3.63 MHz SSB ± interference 8.30pm.
The vintage radio club have a sked at 11.00am Sunday on the 2 mx repeater.

Meetings the first Saturday of the month from 10 am for informal chats and technical talks. A BBQ follows (a gold coin donation). Business meeting 1 pm (except January when no meeting occurs) at Flexible Learning Centre, 18 Channel Road (250 metres from Archer Street), Shepparton.
Variations in these times, days and location are normally notified in the preceding newsletter.

Website – www.sadarc.org or www.sadarc.org.au Face book Page - Shepparton and District Amateur Radio Club Direct Link: <https://www.facebook.com/groups/481867453084459>

Note: Want to get your licence? SADARC has examination assessors, contact the secretary for details.

DISCLAIMER: - No guarantee is given as to the accuracy of information in this newsletter.

Warning: - There is a danger of electrocution or injury when working on electrical/radio gear or working at heights doing antenna work. You do so at your own risk. 26/6/2021

President: - Peter Rentsch	VK3AXI	peter@rentsch.com.au
Vice-President: - Barrie Halliday	VK3KBY	
Secretary: - Andy Ashley	VK3AJA	secretary@sadarc.org
Assistant Secretary: - Geoff Angus	VK3ZNA	
Treasurer: -Andy Ashley	VK3AJA	secretary@sadarc.org
Membership Sec: - Andy Ashley	VK3AJA	"
Webmaster: - Ray Gardiner	VK3YNV	ray@etheira.net

Communications Managers (External Events):- Bruce (VK3PNG) & Darren (VK3HEN) Glasson

Tech. Committee: Geoff VK3ZNA, Ray VK3YNV, Josh Gardiner & Rodney VK3UG – with power to co-opt.

Newsletter: - Rodney VK3UG (Editor) rodlynn6@bigpond.com , Andy VK3AJA (Distribution)

Presidents Report June 2021

Well, we were back to an on-air meeting that as far as I can see was as successful as could be under the circumstances. Thank you to those who made the effort to call in and contribute.

At this stage I am not sure if we can meet on the 3rd or not. We can probably meet with a COVID QR Code in place (I stand corrected on this). So at this time we will meet face to face but PLEASE CHECK THE SADARC WEBSITE PRIOR TO LEAVING SATURDAY IN CASE WE CHANGE TO AN ON-AIR MEETING.

For those that have been inspired to assist grandchildren or other you brains in the pursuit of electronics there are lots of resources on the net. There is lots of basic information on SARCNET and it is an Australian site.

For DIY kits starting with the basics Aliexpress or Amazon US are good. Bulemon Store - <https://bulemon.aliexpress.com/store/> is good on aliexpress for inexpensive kits whilst Amazon is good for more up market and a range of more advanced kits. Kits are not expensive, as an example Bulemon have a kit for a hourglass egg timer using LED's for A\$3.89 plus A\$1.32 postage. Surely an interested grandchild is worth spending \$5.00 on!

Something for the children to read and understand basic parts and electronics has been a bit harder to find. One book which is good is Getting Started with Electronics published by Wiley – 9781119313809. \$15.95 I also have a .pdf of a basic electronics for kids if anybody would like a copy.

Let's aspire to inspire before we expire!

Hopefully, we can all catch up in 10 days at our next meeting, if not then on air.

Cheers for now.

Peter Rentsch
President

CLUB CALLANDER

3rd July 2021 - Regular Meeting – Vision Centre BBQ

7th August 2021 - Regular Meeting – Vision Centre BBQ Discussion on Hamfest

4th September 2021 - Regular Meeting – Vision Centre BBQ Final discussion on Hamfest

12th September 2021 - Hamfest

SADARC

JUNE 2021 meeting minutes

5th June 2021 held on air on VK3RGV repeater due to Covid-19 restrictions. Started 1:00 pm

In Attendance: VK3ASK Peter, VK3GSR Geoff, VK2RK Robert, VK3BPH Kevin, VK3UI John, VK3UG Rodney, VK3FALN Alan, VK3AJA Andy, VK3ZNA Geoff, VK3AXI Peter, VK3YNNV Ray, Josh, VK3TEX Les, VK3EB Dallas, VK3AFD Arthur, VK3BLD Robert, VK3KBY Barrie, VK3YYY Ian, VK3TJS Jacek.

Apologies: VK3ZE Huntly, VK3ZYD Denys, Steveo.

Minutes of last meeting: read by Peter, moved by VK3ASK Peter, second VK3GSR Geoff. All in favour.

Inwards: Invoice for Mt. Wombat internet. Phone call with VK3FY re local repeater.

Outwards: mailchimp details to Rodney.

Moved by Andy, second by VK3FALN Alan. All in favour.

Reports.....

Financial: Read by Andy, no about the same as last month. Moved by VK3AJA Andy, second by VK2RK Rob. All in favour.

Technical: Read by Ray, all services working fine. Nothing to report. Power supply for 70 cm ready to be installed at Mt Wombat.

Geoff VK3ZNA may organise repeater license for his tower. He has to check antennas and report back. After license is granted, we can advise VK3FY Chris.

Rodney has nothing to report. He is happy with repeater performance as he tested them whilst on holiday from car. Working well.

Technical Reports moved by VK3BPH Kevin, second by VK3UI John. All in favour.

General Business:

Echuca weekend now cancelled.

Rodney has mentioned we should be aware of 3.3630 MHz can be in use and to make sure we do not annoy anyone. Please move is needed!

VK3BPH Kevin has noted that he will carefully check frequency before net!

HAMFEST...

VK3AXI Peter mentioned HAMFEST, comments were made re how to handle crowd?

VK3ZNA Geoff reported that a hamfest he attended in Melb. area. crowds were managed poorly and parking was an issue.

VK3GSR Geoff said he has no problem with HAMFEST going ahead with proper social distancing.

VK3ZNA Geoff suggested the same and the fact there have only been 2 HAMFESTS over last year and would probably be very popular.

VK2RK Robert said we should keep in mind that situation could quickly change, and we should keep that in mind. VK3YNNV Ray also agreed with this. Make sure we can cancel hall with full refund just in case.

We will make sure this can be the case.

VK3TJS Jacek suggested QR codes quite easy to get from Govt. website.

VK3KBY Barrie suggested we don't collect trades fees at until the day.

VK3BPH Kevin spoke about making sure someone is at door to assist with check ins!

Andy VK3AJA has moved that we mark HAMFEST as going ahead pending full refund if situation changes, this was seconded by VK3YYY Ian. All in favour.

VK2RK Rob has reported the SADARC Facebook page has now been redone and not linked to any ones personal Facebook page. Anybody can post (providing they are a member of page) give it a go!
Rob has also made Peter VK3AXI Admin of page.

Peter VK3AXI mentioned passing of John Mullins and we should send a sympathy card to Helen. John had been ill for some time but was all ways helping at club events when he could.
Andy will send a sympathy card on behalf of club.

VK3ASK Peter mentioned that the antenna for clubhouse drawing has been received and Peter will send it to Education Dept. for approval and we need to supply and fit a UHF TV antenna. VK3BPH Kevin has a spare ant for the job! (No surprise there HI HI)

VK3BPH Kevin mentioned there were comments re 2 Meter net. Overlapping into the HF Net! Due to numbers. What a great problem to have!!! It's nice to see so many joining nets.

VK2RK Rob has spoken about Facebook info already on our webpage.

VK3TJS Jacek mentioned club Nets are working pretty well, no real issue.

VK3TEX Les mentioned perhaps we could start 2M net 10 min earlier might help?

VK3FALN Alan agreed with all above comments.

VK3AXI Peter suggested we play it by ear and see how we go.

VK3BPH Kevin said that everyone that runs nets does a great job!

VK3YNV Ray suggested anyone looking to sit exam to be aware of online exams here is the link.
www.vea.org.au.

VK3EB Dallas mentioned he and Arthur are working on QSL card and have posted some already! (Direct reply)

Meeting concluded at 2:23 pm

Next meeting July 3rd hopefully at club rooms. TBA.

A possible new club sticker - presented by Rob VK2RK and Geoff VK3GSR with Peter VK3AXI's suggestion that it be presented to the next meeting for consideration. Have a look and see what you think. My only query should the address be www.sadarc.org or www.sadarc.org.au?

Hi Peter, I have been working with rob 2RK on a few ideas that have been put forward, what do you think of this as a club sticker/logo, my son works at a quality printing place, as a offer an donation to the club I am more than happy to fund the cost of stickers, say 200 of them so everyone gets at least two, the size would be around 50x150 or so to start with, maybe you can add it to a vote and if everyone is in favour I can go ahead and get them printed, just an idea ☐☐, cheers, regards Geoff VK3GSR



Editor's Ramblings

- From Ray VK3YNV - How to use a NANO VNA to tune an antenna –
><https://www.youtube.com/watch?v=xa6dqx9udcg>
Additional info also in May 20 Newsletter
- We are fortunate that we are amateurs as we can fairly seamlessly conduct our meetings via the 2 mx repeater.
- Arthur VK3AFD is involved in groups/clubs that give quite a bit of community assistance. Saw your photo in the local paper quite recently. Congratulations to you and the group for what is done for the community.
- We may not be one of the buy, swap or sell platforms but we do put our members adds in the Newsletter for free. Email me with your add.
- You may remember Peter VK3AXI has radio books for sale at discounted prices. Attached is the list. Peter may well bring some to our next meeting. You can of course contact him directly in any case so he brings ones you might like to purchase.

Radio books Clearance List				
	RRP	Qty Available	Sale Price	Order
50 Projects for Radio Amateurs	\$50.00	1	\$25.00	
A Mind At Play	\$35.00	1	\$17.00	
A R R L Amateur Radio Station Mini Log	\$10.00	2	\$5.00	
A R R L Best Of The Doctor Is In	\$45.00	3	\$22.00	
A R R L Field Day Handbook	\$23.00	1	\$12.00	
A R R L Hands On Radio Experiments Vol 1	\$50.00	3	\$25.00	
A R R L Hands On Radio Experiments Vol 2	\$55.00	4	\$25.00	
A R R L Hands On Radio Experiments Vol 3	\$45.00	1	\$25.00	
A R R L Log Book Spiral Bound	\$17.00	10	\$10.00	

A R R L Log Mini Waterproof	\$15.00	5	\$8.00	
A R R L Operating Manual 10 Ed	\$65.00	1	\$32.00	
A R R L Operating Manual 11th Ed	\$60.00	3	\$30.00	
A R R L Small Antennas Small Spaces 2nd	\$45.00	1	\$22.00	
A R R L Yagi Antenna Classics	\$45.00	1	\$22.00	
Amateur Radio Essentials	\$40.00	1	\$20.00	
Amateur Radio Operating Manuel	\$35.00	3	\$17.00	
Amateur Radio Repeaters Services	\$50.00	1	\$25.00	
Antenna Topics	\$45.00	1	\$22.00	
Antennas For V H F	\$45.00	1	\$22.00	
Antennas Mastered	\$60.00	1	\$30.00	
Art Of Soldering	\$10.00	1	\$5.00	
Backyard Antennas	\$45.00	1	\$22.00	
Basic Antennas	\$65.00	1	\$32.00	
Basic Radio Understanding The Key Building	\$65.00	1	\$32.00	
Beginners Guide To Reading Schematics	\$35.00	1	\$17.00	
Bletchley Park People	\$25.00	1	\$12.00	
Build Your Own Low Power Transmitter	\$90.00	1	\$45.00	
Build Your Own Transistor Radios	\$85.00	1	\$42.00	
Building A Transceiver	\$60.00	1	\$30.00	
Capturing Enigma	\$25.00	1	\$12.00	
Care And Feeding Of Transmission Lines	\$45.00	1	\$22.00	
Circuit Overload	\$45.00	1	\$22.00	
Circuit Simulation And Analysis	\$45.00	1	\$22.00	
Complete D X Er 3rd Ed	\$45.00	1	\$22.00	
Computers In Amateur Radio 2nd Ed	\$40.00	1	\$20.00	
Digital Modes For All Occasions	\$50.00	1	\$25.00	
Edison And The Rise Of Innovation	\$60.00	1	\$30.00	
Electronic Project Building For Beginner	\$10.00	1	\$5.00	
Electronics Demystified	\$30.00	1	\$15.00	
Elimination Of Electrical Noise	\$20.00	2	\$10.00	
Emergency Power For Radio Comms 2nd Ed	\$35.00	1	\$15.00	
Energy Choices for the Amateur Radio	\$60.00	2	\$30.00	
Even More Out Of Thin Air	\$35.00	1	\$17.00	
G P S And Amateur Radio	\$23.00	1	\$11.00	
Getting Started In Amateur Radio	\$25.00	2	\$12.00	
H F Amateur Radio	\$35.00	1	\$17.00	
H F Dipole Antennas For The Radio Amateur	\$60.00	1	\$30.00	

H F S S B D X Basics	\$25.00	1	\$12.00	
Ham And Shortwave Radio For The Electron	\$40.00	2	\$20.00	
Ham Radio For Dummies	\$45.00	1	\$22.00	
Hamspeak A Dictionary For Radio Amateurs	\$30.00	1	\$15.00	
Hart Reviews Best Of Radcom	\$45.00	1	\$22.00	
Heil Ham Radio Handbook	\$50.00	1	\$25.00	
High Speed Multimedia For Amateur Radio	\$60.00	3	\$30.00	
Hints And Kinks Radio Amateur 18th Ed	\$45.00	1	\$22.00	
Homebrew Cookbook	\$55.00	1	\$27.00	
How To Use Oscilloscopes And Other Test	\$10.00	1	\$5.00	
International Antennas	\$55.00	1	\$27.00	
L F Today A Guide To The Success On The	\$45.00	1	\$22.00	
Listening To Ludendorff	\$30.00	1	\$15.00	
Low Band D Xing	\$115.00	1	\$67.00	
Morse Code For Radio Amateurs	\$25.00	2	\$12.00	
Morse Code Operating For Amateur Radio	\$25.00	1	\$12.00	
Nifty E Z Guide To Echo Link Operation	\$20.00	1	\$10.00	
Novel Antennas	\$50.00	1	\$25.00	
Old Time Radios Restoration Abd Repair	\$40.00	1	\$20.00	
Portable Operating For Amateur Radio	\$45.00	1	\$22.00	
Power Supply Cookbook	\$70.00	1	\$35.00	
Power Supply Handbook	\$50.00	1	\$25.00	
Propagation And Radio Science	\$60.00	1	\$30.00	
Q R P Basics 2nd Ed	\$50.00	1	\$25.00	
R F Design Basics	\$45.00	1	\$22.00	
R F I Book 3rd Ed	\$90.00	1	\$45.00	
R S G B Antenna File	\$70.00	1	\$35.00	
R S G B Rig Guide	\$15.00	1	\$7.00	
R T T Y / P S K 31 For Radio Amateurs	\$25.00	1	\$12.00	
Radio Amateurs Handbook	\$43.00	1	\$20.00	
Radio Amateurs Workshop	\$45.00	3	\$22.00	
Radio And Electronics Cookbook	\$100.00	1	\$50.00	
Radio Astronomer John Bolton	\$60.00	1	\$30.00	
Radio Auroras	\$25.00	1	\$12.00	
Radio Nature	\$40.00	1	\$20.00	
Radio Projects For Amateurs 2	\$20.00	3	\$10.00	
Radio Propagation Principles And Practice	\$50.00	1	\$25.00	
Radio Science For The Radio Amateur	\$45.00	1	\$22.00	
Radio Theory Handbook 5th Ed And C D	\$85.00	1	\$42.00	
Radio Theory Handbook Beginner To Advance	\$55.00	1	\$27.00	
Receiving Antennas For The	\$55.00	1	\$27.00	

Radio Amateur				
Reflections Transmission Lines And Antenna	\$60.00	1	\$30.00	
Restoring Old Radio Sets	\$35.00	1	\$17.00	
Riding The Shortwaves	\$45.00	1	\$22.00	
S W R Explained	\$20.00	1	\$10.00	
Short Vertical Antenna And Ground Radial	\$25.00	2	\$12.00	
Six & Four	\$60.00	1	\$30.00	
Stealth Antennas 2nd Ed	\$45.00	1	\$22.00	
Storm Spotting For Amateur Radio	\$35.00	1	\$17.00	
Superhet Radio Book	\$10.00	1	\$5.00	
T A B Guide To Vacuum Tube Audio	\$45.00	1	\$22.00	
Tower Climbing Safety And Rescue	\$60.00	1	\$30.00	
Transmission Line Transformers	\$50.00	1	\$25.00	
Transmitter Hunting Radio Direction Find	\$65.00	1	\$32.00	
Ultimate Scanning Guide	\$40.00	1	\$20.00	
Understanding Basic Electronics	\$65.00	1	\$32.00	
V O I P Internet Linking For Radio Amateurs	\$50.00	1	\$25.00	
Vertical Antenna Classics	\$45.00	1	\$22.00	
Vintage Radios Collecting Servicing Rest	\$45.00	1	\$22.00	
Vintage Valve Radios Restorers Guide	\$50.00	1	\$25.00	
Weekend Projects For The Radio Amateur	\$50.00	1	\$25.00	
Where Discovery Sparks Imagination	\$65.00	1	\$32.00	
Wireless From Marconi's Black Box To The	\$32.00	1	\$16.00	
Work The World With J T 65 And J T 9	\$40.00	1	\$20.00	
Your Entry Into Amateur Radio	\$25.00	2	\$12.00	
Your First Amateur Radio H F Station	\$50.00	1	\$25.00	

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