



Founded 1979 Incorporation No A6677 P.O. Box 692, Shepparton 3632
May 2022

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**
438.9MHz (-7 MHz - DMR), **In Service** 439.775MHz (-5 MHz), **Out of service, see below**, 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**

The three following repeaters are not the clubs but are allied to the club in one way or another.

Mt Major VK3RDU, 146.850 MHz, 439.875MHz. Mt Bruno VK3RWC 147.325 MHz **(-1.6 MHz 123Hz)**

Access to most analogue repeaters is by sub-audible 123 Hz tone or noise/carrier mute (less sensitive).

Your TX offset is shown in brackets

Club informal on air get togethers, all welcome. Club call sign VK3SOL:-

Wednesday- 2mx repeater 146.65 MHz 8.00pm, 3.63 MHz SSB ± interference 8.30pm,
Sunday – 2 mx repeater 146.65 MHz 2 pm & 8 pm & The Vintage Radio Club – 2 mx repeater 11
am

Meetings the first Saturday of the month from **11 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. E. & O.E.

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.

26/05/2022

President:- Rob Hose VK3BLD
hounddog@aapt.net.au

Vice-President:- Barrie Halliday VK3KBY
barrieaprilhalliday@bigpond.com

Secretary:- Arthur Duke VK3AFD
secretary@sadarc.org

Treasurer & Membership Sec:- Ian Saunders VK3YYY
lotsawys@yahoo.com.au

Assistant Secretary:- Geoff Angus VK3ZNA geoff@vk3zna.net
Webmaster:- Ray Gardiner VK3YNV ray@etheira.net

Hamfest Co-ordinator:- Peter Rentsch
peter@rentsch.com.au

VK3AXI

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 , Distribution via
Secretary

President's Report May 2022

It has been a quiet month on the home front. Some good news though. Stevo is now on air as VK3JSD. We welcome Stevo to the airways and look forward to lots of contacts. Stevo will be giving us a short history of how he became a Radio Ham. (Next meeting Editor)

The committee has been working behind the scenes updating our documentation and web site. There is now a new Membership application form available on the Club Website. We also have updated all email addresses for committee members to streamline contact with members. All details are available on the web site. If you haven't done so already, please send your email address to membership@sadarc.org so we can keep our mailing list current.

Some of our members are interested in the Arduino, and we have decided to offer an Arduino course through the Club. Arrangements are underway to facilitate this course. Stay tuned to the Forum for more news.

Our next meeting will be on **June 4th at 11:00. The BBQ will be running, well as tea and coffee facilities for us as.**

See you there.

Cheers and 73 Rob (VK3BLD)

SADARC 7th May 2022 Meeting Minutes.

Club Rooms, Shepparton

In Attendance: VK3BLD Bob, VK3ZYZ Denys, VK3BPH Kevin, VK3GSR Geoff, VK3KBY Barrie, VK3AFD Arthur, VK3OV Pat, VK3ASK Peter, Bill C. (SWL), VK3EB Dallas, Geoff VK3GSR, Stevo. (SWL) Geoff VK3ZNA, Ray VK3YNV. John VK3EI.

Apologies: Rod VK3UG, Ian VK3YYY, Jim VK2JKN, Les VK 3TEX, Rob VK3ECH, Andy VK3AJA, Peter VK3AXI and Josh.

Minutes of last Meeting: Read by Arthur, Moved by Peter , Seconded by VK3GSR all in favor.

Business Arising.

Hamfest

Pat VK3OV and Peter VK3AXI reported that the hall has been booked from 7.00am to 3.00pm on the 11th Sept. The cost will be \$450.00 including insurance. Peter VK3AXI suggested that table fees remain unchanged.

Kevin moved that Hamfest fees remain unchanged. Seconded by John VK3UI, all in favor.

As John VK3UI will be away cruising, Peter VK3AXI is willing to take on the role of coordinator and has received from John all relevant info.

Peter has - Asked Andy to book Azim for the food, and to chase up wristbands.

- Contacted WIA re. advertising -waiting reply.

- Stated that information will be put on facebook when costs confirmed.

- Asked that Ray VK3YNV set up an email address of

hamfest@sadarc.com.org.au

and direct it to peter@rentsch.com.au

Bill C. Suggested that we invite Jaycar.

Correspondence

Inward : QSL Cards from Ray VK4DXA/NH -VI3RA

Outward: Return email to Rob. VK2RK, accepting his resignation.

Financial:

Income Interest \$0.09

Membership \$50.00

Expenses \$0.00

Moved by Barrie VK3KBY, Seconded by Stevo, all in favor.

Technical:

Visits to Mt. Wombat.

1.Rod VK3UG and Kevin VK3BPH cleaned animal droppings from equipment.

2.Anzac weekend Ray VK3YNV and Josh did some antenna swapping etc.

Check newsletter for details.

Moved by Ray VK3YNV, seconded by Geoff VK3ZNA, all in favor.

General Business:

Geoff vk3GSR - congratulations to Stevo on gaining his foundation license.

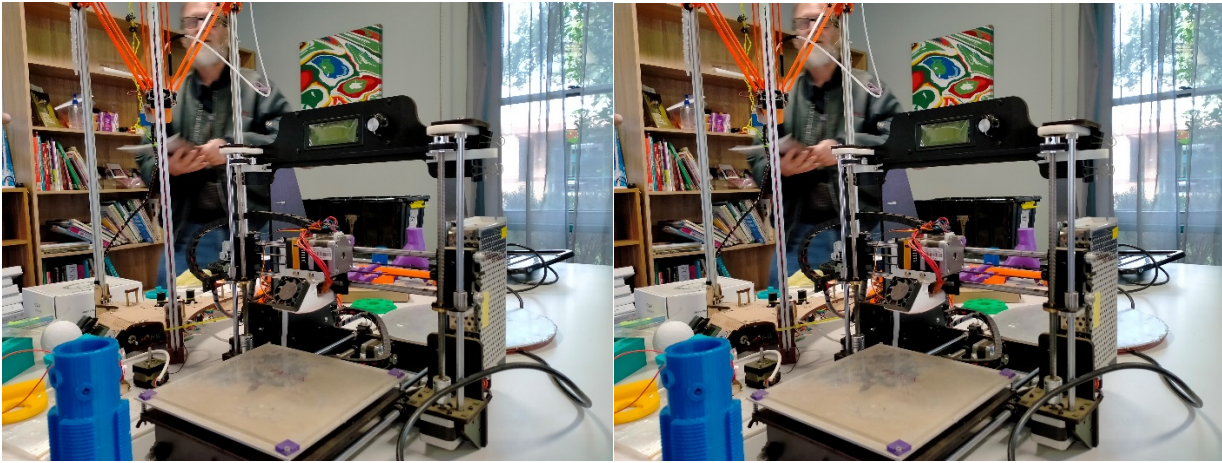
(See below)

Rod VK3UG asked if we should continue with the newsletter or is the Forum sufficient? All members would like the newsletter to continue.

Aduino

President Bob VK3BLD asked if any would be interested in an Aduino Course, as the response was positive, Denys VK3ZYZ will be our instructor 10.00 am next meeting. **Bring your computer.** (I consulted Robert VK3BLD and at this stage things are not complete to start the Arduino course on 4th June meeting so the meeting commences at 11 am - Editor)

Meeting Closed. 1.40 pm.



Denys VK3ZYZ hiding behind his 3 - Dimensional printer at the last meeting.

A story about his experiments with 3 D printers to follow. Have you got a Gecko; I've got four?

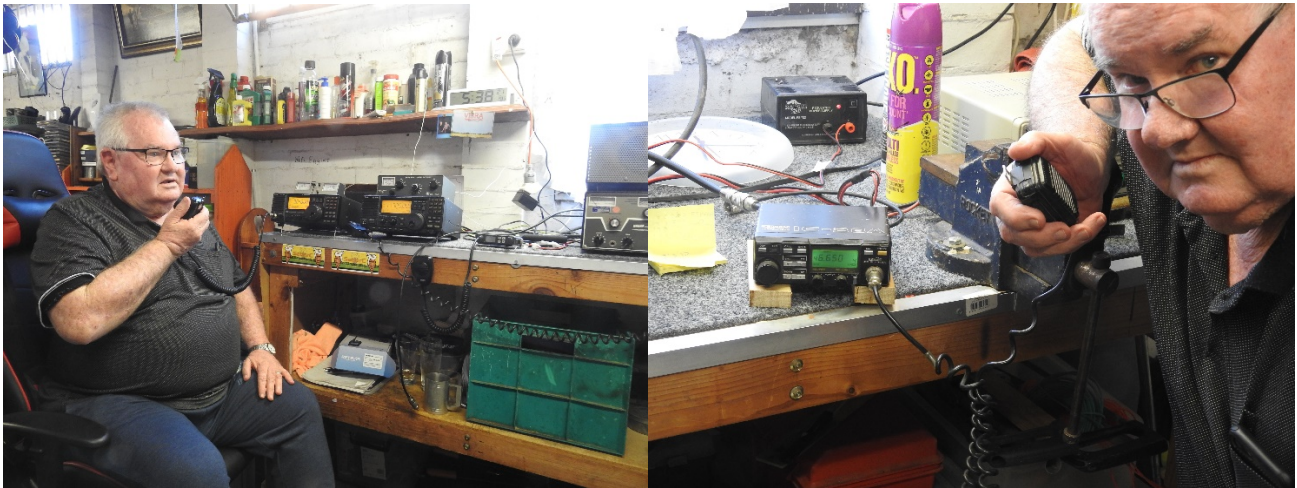
A new call in our midst.

As said above John Stevens (Stevo) has gained his foundation license. As an early 74th birthday (which occurs in July) present Stevo got notification (14th May) that he is now able to go on air with the callsign VK3JSD. Stevo has been studying for his license for quite some time and the complications of the COVID pandemic made it impossible to sit his license until quite recently.

Stevo has lived virtually all of his life in and around the Shepparton/Mooroopna area. It was possibly the influence of Alan Dobson and a number of other gents who worked at Radio Australia that sparked his interest when he was in scouts. All this encouragement to become interested in radio in general caused him at around aged nine to build a crystal set. He could hear the local stations quite clearly and loud. He told me that he could even hear the police . (The police did use radio communications just off the high frequency end of the broadcast band in early times.) I'm not sure but suspect he would have probably heard some of the Radio Australia programs too.

Stevo worked with many radio/electrical firms over his years so has a wide experience in the trade. Not only has Stevo got the great news of his license so too his report of being clear of the cancer he was having treatment for. Hope that one continues to stay away.

I've had the pleasure of working you and I'm sure already (19th) many others have too. The antennas systems in use are a vertical HF multiband antenna and a 3 dB(?) vertical for 2 and 70. He has a selection of HF and VHF equipment of which you can see some in the accompanying photographs. It has also been suggested that other new licensees could be interested in a similar introduction to Stevo's, any thoughts?



Editor's Ramblings

- On a recent trip to Deniliquin, I found that mobile the 6 mx repeater is weak but usable in many spots around the city area. I could just key up the 2-metre repeater and a simple antenna above roof top should provide a good signal into the repeater.
- Have you got an article you'd like published in the newsletter? If so, I'd be pleased to hear from you as articles are not that easy to obtain, and members like to see what other members have been building.

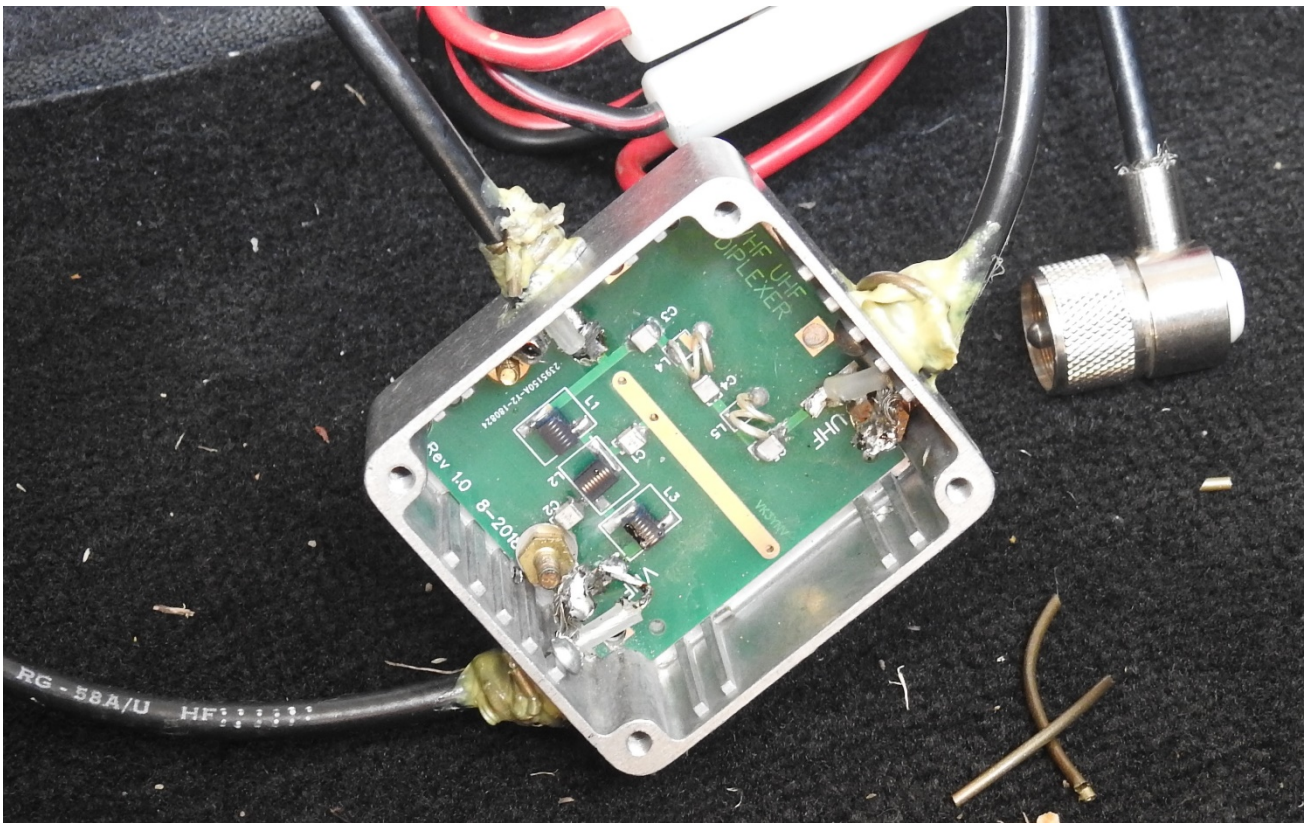
Repeater Information

Josh and Ray went to Mt Wombat on Sunday 1st and installed the new network switch, and removed the UHF 5Mhz split IRLP repeater to bring back to the workshop to find the cause of the intermittent fault that was causing the transmitter to lock on. After installing the new switch, the DMR and DSTAR systems are now reconnected to upstream systems.

Noticed a couple of things, the 2M repeater TX is connected to the 3dB co-linear, 2M repeater RX connected to the stacked dipoles. Nothing connected to the 6dB, or the SMD.

The various reports coming in for the 2M repeater have been pretty good, no crackle and good strength on Tx.

The VK3YNV VHF/UHF diplexer



A couple of years ago Ray VK3YNV developed a VHF/UHF diplexer which suits as a low pass filter to all signals up to around 150 MHz and below and UHF signals above around 400 MHz. It works well in either separating VHF and UHF signals or in combining them. Ray and I have tested it and it does not overheat with 50 watts into it. Its insertion loss is quite low below 0.5 dB from memory. If you are interested in one, I believe Ray has a few boards etc, so have a chat with him. The diplexer is much better than the ones we tested of Peter Rentsch's.