

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



**Shepparton & District Amateur Radio Club
and Electronics Club**

June 2025 Newsletter

Next Meeting, Saturday July 5th, at club rooms

SADARC COMMITTEE

President – Graeme Martin, - VK3VSM

Vice-President: - Peter Rentsch – VK3AXI

Secretary: - Adam Cleary - VK3UU

Treasurer and Membership – Ian Saunders – VK3YYY

Webmasters - Graeme Martin - VK3VSM and Ray Gardiner – VK3YNV

Hamfest Co-ordinator: - Peter Rentsch - VK3AXI

Newsletter editor and Publicity - Peter Simpson – VK3ASK

Technical Committee: Geoff VK3ZNA, Ray VK3YNV, Denys VK3ZYZ, Josh Gardiner, also power to co-opt.

To contact any member of the committee above, email committee@sadarc.org and specify who you wish to communicate with and the subject.

If you have items for the newsletter, forward to: newsletter@sadarc.org

Communications Manager (External Events): Darren Glasson (VK3HEN) – subject to confirmation.

Meetings the first Saturday of the month from 10 am for Arduino training, plus informal chats and technical talks. A BBQ follows (a gold coin donation). Main meeting 1 pm (except January when no meeting occurs) at 360 Health Centre, 18 Channel Road (250 metres from Archer Street), Shepparton.

Variations in these times, days and location are normally notified in the preceding newsletter.

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.

25/08/2022

VK3RGV repeaters and transmitter operating frequencies from 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), Now back
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

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, Sunday.

A number of semi-private HF skeds take place either daily or weekly, locally or
further afield.

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>

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Next Meeting

The next SADARC meeting will be held on Saturday July 5th, at our regular club rooms, 18 Channel Road Shepparton.

The format for the day is as follows;

10am Arduino class with Denys, Ray and Josh.

12pm Our regular BBQ, with gold coin donation.

1pm Regular club meeting, plus displays of current projects.

Diary Dates

July 5th, Club meeting, at our club rooms.

August 2nd, Regular club meeting.

September 14, 2025 Hamfest

November 23rd, Bunnings fund raising day.

Editors Comments

I was not able to make it to our last meeting, but I understand there was plenty of discussion regarding our new SDR service, which is being set up by Bill Crocker, Ray and Dallas. They have already had some tests carried out, now that the 75 foot tower is up at Bill's property.

I have tried many HF bands with some great results and it is great to be able to listen with such a low level of QRM. Well done guys, this is going to be a great asset to the club.

Sorry to hear that our Secretary Rob, VK3BLD, has had to step down from his role on the committee, but he has certainly handed over to a capable man in Adam VK3UU. Good luck Adam.

Ray VK3YNV has put on our forum a recording, of an extremely interesting talk given by John Trisk, VK2MOP, at a recent meeting of the Bendigo Amateur Radio Club.

The topic is military radio in the SAS, which I am sure many members will find extremely fascinating.

When you have a chance, check it out as it is a great presentation.

That's if for me, see you at our next meeting.

All the best and 73's

Peter VK3ASK

Presidents Report June 2025

Winter has arrived, and with it comes our latest newsletter. As I write this, rain is pouring outside while I'm tracking the telemetry from Bureau of Meteorology radiosondes seeing live data streaming down from 15 km above!

Thank you to everyone who attended our last gathering. Dallas and Bill brought along some fascinating SDR gear, even re-purposing an old microwave oven as a Faraday cage to cut out QRM from a mobile-phone internet connection. Their live demo placing a broadcast receiver inside the cage and showing how it completely blocks unwanted signals as a great eye-opener for our newer members.

This month, Rob VK3BLD informed the committee that he needs to step down from his role as Secretary for personal reasons. Rob, your dedication, attention to detail, and countless hours of service have made a real difference in

keeping the club running smoothly. We're all grateful for everything you've done and look forward to welcoming you back when you're back in your feet. In the meantime, please join me in congratulating Adam Cleary VK3UU, who has stepped up from scribe to fill the Secretary's position.

We also enjoyed a lively discussion on the ACMA's proposed CB radio changes and began drafting our club's submission. Along the way, members suggested additional measures for UHF repeaters to help curb rogue usage, stay tuned for details on our formal response.

Although it's still a few months away, plans for our Hamfest/Radio Fest, on the second Sunday of September are already in progress.

Stay safe, stay warm, and 73s until we meet on the air or in person.

Graeme
VK3VSM

SADARC meeting minutes June 7th 2025

Meeting opened 1pm

Apologies

Les 3GX, 3FT, Mark 3MFP, Peter 3ASK, Jason 3NQS, Scott (SWL)

1. A new guest attended today, welcome Peter.
2. President Graeme VK3VSM opened the meeting with information that Rob VK3BLD resigned as the Secretary due to ill health. We all wish to thank Rob for all his work on the Committee and wish him well going forward. Adam 3UU to step in to fill the shoes of Rob.

3. Correspondence (inwards).

We were notified about our inquiry on the property at 4A Packham street. Tina responded to us that we were declined the space due to size and

traffic impacts. There is still potential for being a sub tenant however this is not by any means certain.

Outwards. Letter to our current site re occupying the Mens Shed property.

4. Financial report provided.

5. Technical Report. Ray reported there is communications with the (Telstra) Installation guys re additional tower work. This includes some required assistance for Geoff's tower.

AllStar Node. Work to the CM108 board is ongoing. Ray indicated that other CM108 controller boards are available for others to use on AllStar please see Ray if you want one.

The current audio issues will delay the on air status until next month for DMR.

Acceptance of the Technical Report proposed Ray 3YNV, seconded Geoff 3GSR.

6. General Business.

SDR Project. Now the tower is up at Bill's site things are moving forward. However, the SDR project has an internal noise problem still being worked on. Additionally, a new counterpoise is to be added to the system. We also received a donated Solar Panel from Paul Watters, many thanks to Paul.

SADARC HamFest. Peter VK3AXI lead the discussion to set the date of the HamFest for the second Sunday in September (14th). There is investigation about an alternate site for the event however time is running tight. A suggested site is the Kialla Central Hall. Graeme will visit to see if the site is appropriate. In the meantime, booking of St Augustines will be made to secure a site with potential for Kialla as an upside.

Investment Account

After investigation our best opportunity at Bendigo Bank is 3.25%. It was decided to place approximately 60% of our funds, into this term deposit. Proposed Ray seconded Ian 3YYY carried unanimously.

Ray Wales VK3RW requested a badge and Jaycar card.

CB Repeater. The upcoming ACMA “Have your Say, into the operational characteristics of the Citizens Band Radio Service” is open. A discussion around issues we saw in behaviour and use of the repeater was had. It was decided that a response on behalf of SADARC would be submitted for this inquiry. For those interested here is the link to the consultation inquiry.

<https://www.acma.gov.au/consultations/2025-05/changes-cb-radio-arrangements>. This closes on July 15th.

Log Books. Ray has a few more available, please contact Ray 3YNV.

HamFest signage. Discussions to be able to provide signs advertising the HamFest through council have been made available. Locations suggestions around the roads inbound to Shepparton, Mooroopna, Kialla etc. Various material choices may be available. Signage is good at 18m x 0.89 high. Graeme 3VSM to follow up.

Meeting closed 14:02pm

Adam VK3UU Secretary

More pictures of the SDR project being installed by Bill Crocker and Dallas James VK3EB.

Seems like Microwave ovens, can be used for more than just heating food. This one is being used to reduce spurious signals getting into the SDR.



The tower is still up for the SDR and working well.

