



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

June 2023 Newsletter

SADARC committee

President:- Peter Rentsch – VK3AXI
Secretary:- Arthur Duke - VK3AFD
Membership Sec:- Ian Saunders - VK3YYY
Webmaster:- Ray Gardiner - VK3YNV
Newsletter (editor):- Peter Simpson – VK3ASK
Technical Committee: Geoff VK3ZNA, Ray VK3YNV, Denys VK3ZYZ & Josh Gardiner – power to co-opt.
Vice-President:- Barrie Halliday - VK3KBY
Treasurer:- Ian Saunders – VK3YYY
Assistant Secretary:- Peter Rentsch - VK3AXI
Hamfest Co-ordinator:- Peter Rentsch - VK3AXI

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

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

Meetings the first Saturday of the month from **10 am** for informal chats and technical talks. A BBQ follows (a gold coin donation). Main 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.

The next meeting will be held on Saturday July 1st, at the club house.

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 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 together, 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
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>

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

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The next SADARC meeting will be held on Saturday July 1st. This is a regular meeting at our club rooms as follows.

- 10am continuation of Arduino training, conducted by Denys VK3ZYZ, Ray VK3YNV and Josh.
- 12pm, our regular BBQ with gold coin.
- 1pm, Club meeting for general business, plans for Jaycar demonstration day on July 15th and plans for Hamfest on September 10th.
- Demonstration of projects from members
- Man Behind the Mike – VK3KBY – Barrie Halliday

Diary Dates

July 1st	Regular club meeting.
July 15 th	Amateur Radio & Electronics Demonstration at Jaycar
August 5 th .	Regular club meeting
September 10 th .	Hamfest.

Presidents Report

Thanks to all those that attended our last meeting. There was a great array of projects that people were working on which was great to see. I was a little surprised at how much was there as we don't hear much about what members are experimenting with. There is obviously a lot more goes on than we hear about. Even though it was not an electronic project Les VK3TEX brought along some of the measuring equipment he makes. I was awestruck at the quality of welding that Les does and I really don't understand how it

can be that good after I look at some of my welding escapades. Quality trade work from a quality tradesman.

At our July meeting we will need to finalise plans for the Jaycar Expo. We need members on the day, equipment and promotional material. Some eye catching displays will attract people to see what we are all about.

Please, put your thinking caps on and come to the meeting with ideas that really promote what Amateur Radio and Electronics are. We need to be impressive with our display but not too technical that it scares people off because it looks too difficult. *Please note that as this is an official Club event you are covered by the Club Insurance assuming you are a paid-up member of the Club.*

Planning for our 2023 Hamfest is underway. The Hall has been booked, Josh is working on the add for AR Magazine and the Hamfest has been announced on the Hamfest Facebook page. I already have 7 tables booked, 5 of which are new vendors to us. To keep you all informed as so you can promote the Hamfest to your friends the details are: Sunday 10th September 2023

St Augustine's Church Hall
Orr St SHEPPARTON

Doors open at 7.00am for vendor setup.

Tables are \$20.00 for the first table and \$15.00 for each table thereafter. Each vendor is allowed two free entry tickets.

Doors open at 10.00am for the punters.

Entry is \$5.00 per person. Children under 15 free.

That's it for me this time, see you in a couple of weeks.

Peter Rentsch
VK3AXI
President

Club Calendar

Secretary Report

SADARC. June 2023 Meeting Minutes.

Club Rooms, Flexible Learning Centre. Shepparton

In Attendance: VK3BPH Kevin, VK3TEX Les, VK3AXI Peter, VK3KBY Barrie, VK3AFD Arthur, VK3ASK Peter, Bill C., VK3EB Dallas, VK3TJS Jacek, VK3JSD Stevo, VK3VSM Graeme, VK3YNV Ray, VK3BF Allan, Josh. VK3FBEN Peter, Visitors -VK3FMAA Mike and Mark.

Apologies: VK3GSR Geoff, VK3ZNA Geoff, Rob VK3ECH, Denys VK3ZYZ, Ian VK3YYY, Rob. VK2RK.

Minutes of last Meeting: It was moved by Kevin VK3BPH that the minutes as published in the March newsletter are a true record. Seconded by Peter VK3ASK all in favor.

Business arising: Nil.

Inward Correspondence:

1. Renewal of Apparatus licence, VKSOL
2. Jan Skoldin (SM5LNE) Requesting QSL cards for contacts VI3RA, and his appreciation on receiving same.
3. Gippsinsure -Certificate of currency of Public Liability.

Outward Correspondence:

1. To Robert VK3BLD -Regretfully accepting his resignation from the position of President due to health issues.
 2. To Huntly VK3ZE – Regretfully accepting his resignation from the SADARC.
- Moved by Les VK3TEX that Correspondence be accepted. Seconded by Stevo. VK3JSD All in favor.

Financial: Ian VK3YYY (an apology), provided a report showing income of 3 memberships.

Outgoings were ACMA Renewal VK3SOL \$55.00, DEFT Insurance Public Liability \$322.50.

Technical:

All working fine. As Geoff's (VK3ZNA) wife is not well, the fusion project is on hold. Need to find out cost of a rigger for Mount wombat.

Moved by Ray VK3YNV, seconded Josh. All in favor.

Ray VK3YNV moved a vote of thanks to Allan and Julie for their hospitality at Balmattum for lunch on our trip to Mt. Wombat. Seconded Kevin VK3BPH

Peter VK3AXI Reported that he participated in the Comms day at Bendigo. It was a great day and our club should receive a payment shortly.

General Business:

Hamfest.

On the 17th April it was moved by Ray VK3YNV, that we go ahead with our Hamfest on the second Sunday in September which is the 10th. The motion was seconded by Geoff VK3ZNA and all the committee were in favor.

As Pat VK3OV is an apology, Peter VK3 AXI will contact him by email re. booking of hall.

Peter VK3AXI will send out invites to traders /exhibitors. An Ad to be placed in WIA magazine.

It was moved by Josh that table bookings be \$20 for first table and \$15 for extras. The motion was seconded by VK3FBEN, all in favor.

JAYCAR EXPO July 15

The Expo is planned to be located at the very north end of the carpark at Jaycar. The display would include amateur radio equipped vehicles (VK3GSR, VK3TEX). A gazebo displaying various aspects of our hobby, with an emphasis on electronics and Arduino projects.

We will need to get the OK from the landlord for use of the carparking area.

A free sausage sizzle is planned. Ray VK3YNV has checked council requirements, and as what we are planning is a “class 4 food event “, no registration is required.

Mike VK3FMAA, has offered his mobile home with awnings and lots of resources.

Advertising – Radio 1FM, local papers, facebook and Win TV were suggested.

Weather permitting – If conditions are doubtful, a decision will be made at 8:00 am to cancel or proceed.

Before our meeting closed, President Peter put out a request for members to bring along a project they were working on. His plan was for Dallas VK3EB to take photos and produce a slideshow to display at Jaycar promoting our July Expo. A number of members responded, see newsletter.

President Peter is re-instating the “man behind the mike” segment and Barrie VK3KBY will be that man at our July meeting.

Meeting Closed. 2:55 pm.

Editor's Comments

Our June meeting turned out to be another great event for the club, hi-lighted by the number of members who brought projects along for demonstration.

I think we all look on with amazement at the work and effort put in by Bill, to design and construct the perfect HF receiver. Not only does he design around modern solid state technology, but he also displayed a valve receiver he recently built, which he states is a really great performer. Bill really is what amateur radio is all about, with his ability to design circuits and build using his incredible skills.

Les VK3TEX gave a great demonstration of the temperature measuring gauges and equipment he designs for his work using stainless steel.

Other items displayed included a power supply, power distribution modules for the work bench, modules from Ebay and Ali-express and a demonstration of SDR on a laptop. There are photos at the end of this newsletter showing the equipment on display. Thanks to Dallas, VK3EB for the pictures.

There was also a great deal of discussion regarding the radio demonstration day at Jaycar, I am sure final arrangements will be made at the July meeting.

See you all at our next meeting
73's Peter Simpson VK3ASK.

Sale of Equipment from the shed of Rodney Champness.

Ray Gardiner VK3YNV and a team of willing volunteers, spent the weekend clearing out the back shed of our dear friend Rodney Chanpness.

They have sorted and catalogued many of the items and have filled 20 large containers with equipment. Photo below.

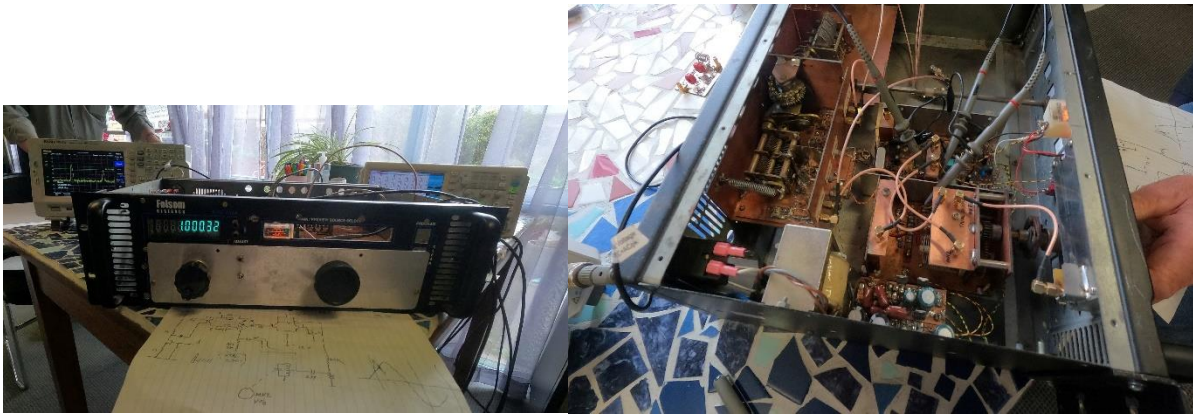
At our next meeting these items will be up for sale and all proceeds will go back to Rodney's wife Lyn.

No reasonable offer will be refused, so bring along some money and get ready to have a hunt.

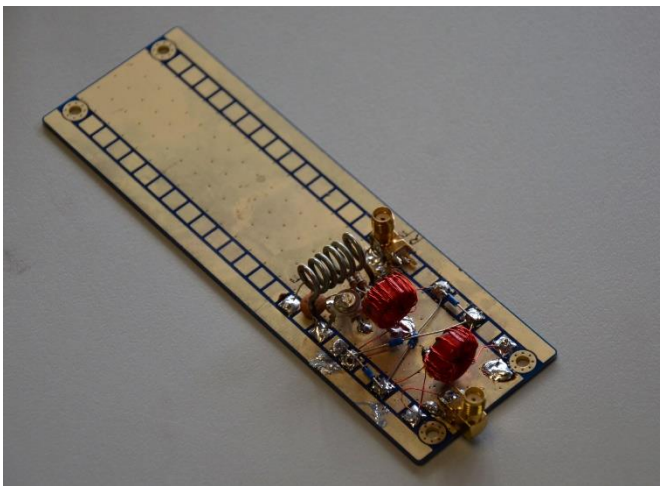
There is coax, connectors, switches, project boxes, ferrites and many other components, too many to list.



Below the pictures of the projects displayed at our June meeting



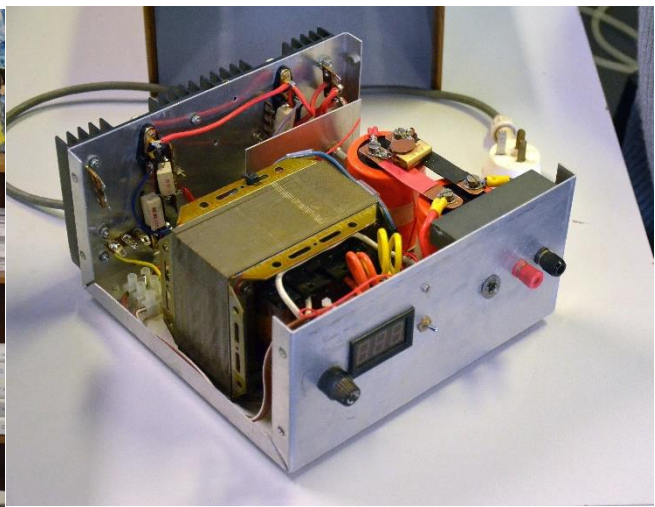
Bill's latest receiver project.



Bill's boards



Josh with his power board



Barry's Power supply



Ray working



Jacek doing some desoldering



Les, his stainless-steel temperature gauges



Les showing Bill his work.

SADARC 2023 Hamfest.

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Doors open at 10.00am for the punters.

Entry is \$5.00 per person. Children under 15 free.

Tea, coffee and food will be available on the day for purchase.

Come along and bring your friends.

A Conundrum from Peter VK3AXI

Do you know?



Which is more dangerous?

- a. AC
- b. DC

Answer at the next meeting.