



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

October 2023 Newsletter

SADARC committee

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

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 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

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 November 4th. This time at the home of Geoff VK3GSR.

Address; 485 Ardmona Rd Mooroopna.

- 10am continuation of Arduino training, conducted by Denys VK3ZYZ, Ray VK3YNV and Josh.
- 12pm, a BBQ with Geoff, gold coin payment
- Afternoon wonder around, check out Geoff's shack and aerials, plus a general get together and chat.

Diary Dates

November 4th Club meeting at the home of Geoff, VK3GSR
November 17 Executive meeting. 2pm at Rays home VK3YNV
December 2nd Xmas breakup lunch. Royal Mail Hotel Mooroopna.
February 3rd 2024 Club meeting, plus AGM

Presidents Report – September 2023.

A brief report today as I am away in Singapore visiting family.

Thank you to all those who attended our last meeting. Our attendance continues to grow and that is very heartening to see. To our regular Chefs, thanks for doing the cooking for the Members. What a great Club we have developed into and it all to do with the quality of Members that we have who are enthusiastic about our hobby.

Just a little bit about Singapore. There are only about 100 Amateurs here with about 20 being regularly active. Not a lot considering the population is about 5.5 million. While here I visited what is known as the Sim Lim Tower. It is a 6 story building about the size of the Shepparton Art Museum. The whole building is dedicated to Electronics Sales. Ah, I thought, six floors of electronics. Seventh heaven. So, what did I find? Shop after shop of computers, the odd HiFi shop and quiet a lot of Phone Shops. One shop only that had half a dozen Commercial Handhelds and that was it for Radios. There were no shops selling components or DIY Kits or pre-built circuit boards so I was a

little disappointed, but it was well worth the experience of seeing so many vendors in one space.

The photo that I have included in this Newsletter is the Floating Apple Store in Singapore. You can get a feel for the size of it by looking closely and you will see people inside.

Our next meeting will be at Geoff, VK3GSR location. Peter, our editor has included address details in the Newsletter.

Our December meeting will be a Lunch at the Royal Mail Hotel, Mooroopna. 12.00 noon for 12.30pm start. Please bring your partners as this is a great opportunity for our partners to get to know each other. We will also be joined by the Vintage Club Members on this day.

We then have a break in January and back to it in February for our usual meeting and the AGM.

That's it for me this time, see you in at the December meeting.

Peter Rentsch
VK3AXI
President

SADARC. October 2023 Meeting Minutes.

Club Rooms, Flexible Learning Centre. Shepparton

In Attendance VK3BPH Kevin, VK3AXI Peter, VK3KBY Barrie, VK3AFD Arthur, VK3OV Pat, VK3ASK Peter, Bill C., VK3EB Dallas, VK3TJS Jacek, VK3JSD Stevo, VK3ZNA Geoff, VK3AFD Arthur, VK3GSR Geoff, VK2RK Robert, VK3ZYZ Denys, VK3KUG Ray, Josh, VK3YNV Ray, VK3YYY Ian, VK3FALN Alan, VK3BF Allan, VK3TJS Jacek, VK3UU Adam.

Apologies: VK3BLD Rob, VK3KBY Barrie, VK3TEX Les, VK3KPL Paul. Mark E. VK3FMAA Michael.

Minutes of last Meeting: Moved by Ian VK3YYY that the minutes of the August meeting as published be accepted. Seconded by Alan VK3FALN. All in favor.

Inward Correspondence:

1. Compliments to the café team at Hamfest from Sandra Scott. (XYL VK3ACZ)
2. Lyn Champness -Appreciation of support and effort with Hamfest.
3. Lyn Champness – Remainder of radios sold to a private buyer.
4. Jan Bron (Netherlands) -asking if anyone had a WS48 Radio Set or parts thereof.

Outward Correspondence: Nil

Financial: Ian VK3YYY Reported income of \$2595.13. Outgoing \$1786.62. The Hamfest realized a profit of \$1400.05 with 218 people through the door.

Moved by Ian VK3YYY, Seconded by Adan VK3UU, all in favor.

Technical : Ray VK3YNV reported that in setting up the RDS system there would need to be a radio link between Geoff's tower and Rays QTH, The present tenant of Geoff's premises has an internet connection which would be preferable. We have been allocated a frequency. Geoff said he would contact Paul Watters as to costs in regards to antenna work, both at his location and Mt. Wombat. Ray moved his report. Seconded by Geoff VK3ZNA. All in Favor.

General Business:

Email Accounts. Ray VK3YNV reported that at present we have 7 free accounts with Gandi. Going forward, Gandi will be charging \$4.00 per month per account. As there is not a lot of traffic, Ray suggested that we retain only the committee@sadarc.com and incoming traffic could reference person required.

Future of Our Clubrooms. Ray VK3YNV, Peter VK3ASK and Mike met with the Men's Shed and learnt that they are turning people away because the building is too small. They have not been informed of what is happening and have not been asked to relocate. Peter VK3ASK said that the Radio Station is staying and unofficially he feels that in their view we are in some way connected. Peter said if the Men's Shed vacated their facility it would be ideal for our club.

Hamfest Observations Ray VK3YNV said there was a shortage of tables so we were not able to place tables in foyer. The club provided 4 tables. He also suggested that we have staggered start time, Trader could be denied entry until 8:00 am. Giving time for tables to be set up.

Jacek VK3 TJS suggested a larger venue – a hall associated with St. Brendan's. Other options to check out would be Mooroopna Halls, Sir Ian McLennan Centre and the African House. Jacek said his wife has offered to do the catering again next year but will need assistance with serving and washing dishes .

Kevin VK3BPH moved that a letter of appreciation be sent to Jacek and Bozena for the fine job they did and at such short notice. The motion was seconded by Alan VK3FALN, all in favor.

Club License Assessors: Stevo VK3JSD said the club should be able to train and assess members who desire to obtain or upgrade their Radio Operators license. I think the club is in agreeance. Peter VK3AXI suggested that we wait until after new rules, regulations and curriculum come in next February.

November Meeting: Will be at VK3GSR Geoff's place 485 Ardmona Rd Mooroopna
Christmas Breakup: 6th Dec. at the royal Mail.

Meeting Closed at 2:10 p.m.

Editor's Comments

October turned out to be another great meeting for our club, with plenty of members attending and some lively radio discussion.

We had plenty of meet for the BBQ this time, so no one would have gone home hungry. There was plenty of positive feedback about the hamfest and it certainly seems it was a great success both in attendance and profit.

As usual, our man Bill presented one of his current projects, which this time is the repair and restoration of a couple of Barlow Wadley receivers.

These receivers were released in the early 1970's and are a completely different design to most receivers of the era.

This is a portable radio, which can receive AM, SSB and CW and all frequencies from 100khz, up to 30mhz in 1mhz bands.

It is a triple conversion receiver, which resolved most of the common problems of conventional short wave receivers.

Bill spent many hours repairing these radio's to bring them back to their original state, plus he has come up with some additional mods, which greatly improve the performance.

They are quite large, quite heavy and require D size batteries, but as Bill demonstrated they certainly perform well.

Bill had a large list of repairs, which he carried out including the replacement of the audio IC, removal of some extra capacitors, which had been tacked in to try and improve the performance, plus a complete re-alignment of the various oscillator and mixer stages.

Well done Bill, you always manage to come up with an interesting project to demonstrate at our meetings.

Just a final reminder that our next meeting is at the home of Geoff VK3GSR.

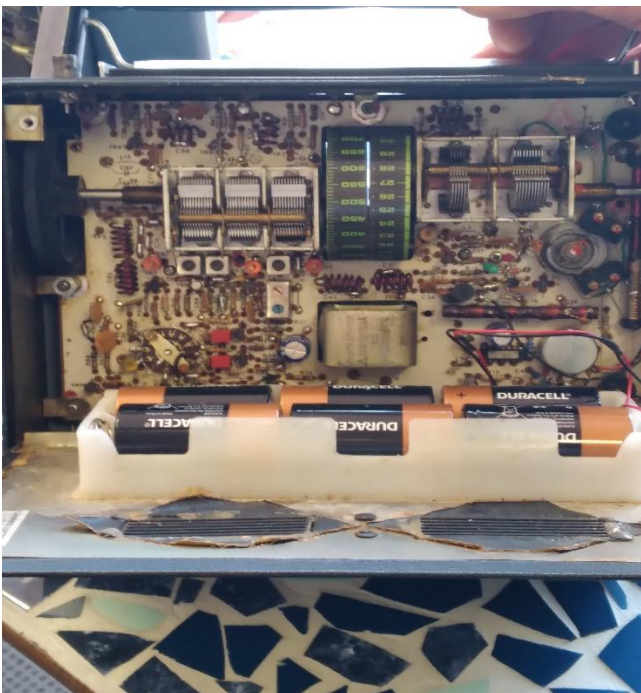
Address, 485 Ardmona Road Mooroopna.

Starting at 10am for Arduino course.

See you all on November 4th.

73's Peter VK3ASK

Barlow Wadley Receiver



Whilst in Singapore, our President Peter, VK3AXI, decided to visit an Apple store, picture below.

