



REPEATERS VK3RGV 2m & 70cm
VK3RGV B D-Star
CLUB CALL SIGN VK3SOL

Volume 6 No 1 November 2010

President	Ed Roache	VK3BG
Vice President	Tibor Nemeth	VK3MRO
Secretary	Steve Hamer	VK3DAG
Treasurer	Ron Burns	VK3COP

From the Editor

Welcome to a New Year for the Shepparton and District Amateur Radio Club. After the last meeting, which was our AGM the new Office Bearers were nominated and duly elected. Congratulations to all those that took on positions with in the Club. Without your willing support the Club does not exist.

Thankyou to the previous Office Bearers for there contribution to the ongoing success of the Club.

As your new Newsletter Editor I look forward to contributions from Members. I appreciate any feed back or articles that you can supply to me. I don't mind if I have too much to include in one issue as there may be a shortage for the next issue. Your articles will get used. Please supply articles to me in either Word format, Excel or .pdf. Any photos that you may have will be greatly appreciated as well. Closing date for the information for the newsletter is 10 days after our meeting. Send information to newsletter@sadarc.org

As you all are aware there is huge amount of information available on Amateur Radio on the net and though other sources. I don't pretend to be able to keep up with it all so I rely on your input for a successful Newsletter.

I would like to add a couple of sections to the Newsletter. The first one is Resource Section from the Internet. If you come across an interesting Web site please let me know and I will publish it for all to see. I will also keep a list of all the sites mentioned and periodically I will publish a complete list.

The second section that I want to include in the Newsletter is a Classified Section. If you have an item for sale or require an item can you please let me know and I will include it in the Newsletter. It is a lot easier to buy or sell to someone local than to have to pack it up and ship it off to somewhere else.

On behalf of my wife Karen and I, we wish you all a very Merry Christmas and a safe New Year.

Cheers & 73's

Peter.
VK3FPSR

Dairy Dates.

Sunday 5th December – Christmas Meeting - 12.00 Noon, Mooroopna Golf Club
January 2011 – no meeting
Saturday 5th February – Regular Meeting

From the President.

How the year has flown! It only seems a couple of months since we had our last Xmas lunch and it's almost here again.

We have also had our AGM and I would like to personally thank Toby VK3PNF, Jacek VK3TJS, Les VK3TEX & Ron VK3COP for their efforts over the last year in running the Club. Welcome to the committee, Tibor VK3MRO, Steve VK3DAG & welcome back Ron VK3COP, who has kindly agreed to stay on as Treasurer for the next year, as did Peter VK3FPSR, who will continue as Newsletter Editor. To the others who accepted positions – a warm Thank You! I hope we will be able to work together over the next 12 months to bring the Club closer together and even “more member friendly”.

Having said that, I do not plan to initiate any new projects next year UNTIL ALL THE CURRENT PROJECTS ARE COMPLETED SATISFACTORIALLY, unless something of great importance and benefit to the Club, occurs.

I also plan to re-introduce, after the business part of the meeting and a short refreshment break, a series of talks, or presentations, at least every second meeting, on topics of interest to the Club members; whether it be a technical presentation or on someone's profession or travels.

As was mentioned at the meeting before the AGM, Rob VK3ECH has reluctantly had to step down from assessing with me at the Club due to personal reasons, which means that, until further notice, we will not be able to do any assessments or upgrades. However, several members have put up their hands to apply to become Assessors and Learning Facilitators, so we hope that the situation will be rectified early next year.

Second last thing to mention – don't forget the Xmas lunch to be held at (Yes – I hear the several groans!!) the Mooroopna Golf Club at 12 noon on Sunday 5th December. Please RSVP to John VK3PXJ SAP of your intention to come and numbers. This was organised at short notice, however we will have our Social Committee investigate other venues for next year and report back to the Club; along with other social activities during the year.

Finally Pat VK3OV, the Membership Secretary, has asked that the membership list be brought up to date one last time for this year so the last chance for paying your subs will be by mail on Friday 3rd December or at the Xmas lunch on the Sunday. The list will be closed at midnight Sunday and the new one for 2011 will commence at the February meeting.

Hope to see you all at the luncheon and have a happy, safe festive season and good New Year working lots of DX.

73

Ed
VK3BG

Minutes of the November 2010 Meeting

SADRC November 6th 2010 Meeting

Meeting opened by president Toby VK3PNF at 13:12 Hours.

Present were:

VK3VCE Dave, Max Matthey, Max VK3DSF, Alan VK3FALN, Ian VK3CHV, John VK3FJHM, Rodney VK3UG, John VK3PXJ, Peter VK3FPSR, Alan VK3AJD, Ed VK3BG, Terry VK3MAR, Ron VK3COP, Toby VK3PNF, Les VK3TEX, Pat VK3OV, Jacek VK3TJS, Steve VK3DAG

Apologies:

Dave Waring VK3ANP, Jan VK3ALF, Rob VK3ECH, Duncan VK3DCX, Matt VK3FMDB, Wayne VK3XQA, Geoff VK3PLW, Ian VK3JNC.

Minutes of the last meeting:

Les VK3TEX circulated the minutes of the last meeting to the members for their perusal. He moved the motion that they be passed by the members. Seconded by Terry VK3MAR. Carried.

There was no business arising from the minutes of the last meeting.

Correspondence:

Les VK3TEX read out the correspondence received. Some items for sale from a deceased estate, changes to exam fees, call book e-mail from the WIA, and an e-mail from ARV for repeater details. Letter from Rob VK3ECH stepping down from duties as an examiner.

Treasurers report:

Ron VK3COP handed out the Treasurer's report to the members for their perusal. Ron moved that the Treasurers report be accepted, seconded by Ed VK3BG. Carried.

Reports:

Rodney gave a report on the repeaters on Mt Wombat and how they are functioning. The 6-meter is nearing the ready to go stage. 2-meter and 70 cm are working well. 2 has a small issue but will be addressed in the near future.

Toby VK3PNF gave a report on D star on the gateway and it's ready to go but the Internet connection had to be discussed on what type of linking system would be appropriate for the system.

It was agreed by the members that a wireless 3G system would be the most cost effective solution for the Internet linking system. Ed VK3BG moved a motion to implement a wireless system up at Mt Wombat which may be used for the D star and other multiple purposes. Seconded by Alan VK3FALN. Motion Carried.

General Business:

Ed VK3BG effective immediately resigned from his position as examiner for the Club. Everyone thanked him for his tireless efforts and he was congratulated with a round of applause from the members present.

The end of the year Luncheon was voted in as the same place as last year. The Mooroopna Golf Club and it would be held on the first Sunday in December. There will be further notification in the newsletter and John VK3PXJ will send out the RSVP to the members.

John VK3PXJ asked for more volunteers to run the 80-meter net on the Wednesday night. The issue would be published in the next newsletter. Dave VK3VCE put his hand up for a emergency fill in position for the net.

Pat VK3OV will make the booking for the hall for next years Hamfest.

Toby told the members that Lisa had stood down from the position as Newsletter Editor and Publisher, she was thanked by the members for her hard-working efforts. Peter VK3FPSR put his hand up for the continuing duties with the Newsletter and the members voted him in unanimously as the new Newsletter editor/Publisher.

Ed VK3BG proposed that the club have a BBQ day with the Twin Cities Radio Club around the Yarrawonga area under a similar format to the one that we have with the Midland Club. There will be further correspondence between the Clubs to get this organised.

JOTA Jamboree: Dave VK3VCE gave a talk about the fun that was had by the Scouts on the day of this annual event and Toby VK3PNF thanked all who participated.

Rodney VK3UG commented on some tone access with the new 6 meter repeater. Toby VK3PNF left it to the technical department to sort it out whether tone access is warranted on 6.

Toby VK3PNF closed the meeting at 14:15 Hours.

Annual General Meeting For SADARC November 6th 2010.

Meeting opened by Toby VK3PNF at 14:15.

Present and apologies as for the November meeting.

Toby VK3PNF gave a brief Presidents exit speech and thanked all the members for there efforts in helping and supporting a very successful Club in the Goulburn Valley.

The members thanked the outgoing committee with a round of applause.

Toby VK3PNF declared all positions vacant and he chaired the meeting.

President: Dave VK3VCE nominated Ed VK3BG for the position of president. John VK3PXJ seconded the nomination. Carried. There were no other nominations for president.

Vice President: Les VK3TEX nominated Tibor VK3MRO in his absence. Tibor had already accepted the nomination previously and was aware of the nomination. Seconded by Ed VK3BG.

Pat VK3OV was nominated but declined. The position was filled by Tibor.

Secretary: After much deliberation, Toby nominated Steve VK3DAG to be the Secretary. Seconded by Terry VK3MAR. Carried.

Treasurer: Ron VK3COP decided to resume the Treasurers role and there were no objections to this. He was

returned to the role.

Technical Committee: Ed nominated Rod VK3UG and Ray Wales for the technical committee. Toby VK3PNF put his hand up to look after D star. There were no objections from the members. The motion was carried.

Newsletter: Toby VK3PNF nominated Peter VK3FPSR for the position. There were no objections and Peter was elected.

Web site: Barry VK3AXX in his absence was keen to do the Web site and there were no objections to this. Motion carried.

Membership Secretary: Pat VK3OV was happy to continue in this role.

Public Officer: John VK3PXJ was nominated by Max VK3DSF and seconded by Max Matthey. Carried.

Awards Manager: This position was not filled.

Station Manager: Ian VK3CHV was nominated by Steve VK3DAG. Seconded by Dave VK3VCE. Carried.

Toby VK3PNF closed the meeting at 15:54 Hours.

Show n Tell

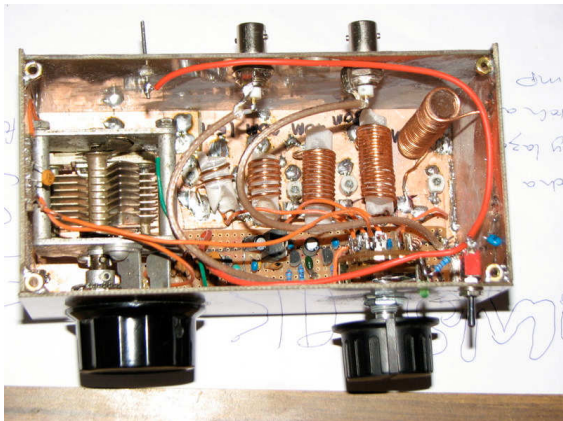
From Steve VK3DAG

Here is the Variable Frequency Oscillator (VFO) of project "X".

Project X is a project that I am undertaking to build a multiband HF transceiver from discrete components. This is not a kit in any way. But built from text books and the Internet sources.

The VFO is a simple Vackar oscillator. J113 FET's are used for the VFO and first buffer amp. The second buffer amp uses two 2N3904 transistors in tandem. The first buffer amp drives a frequency counter/stabiliser. The second drives the double balanced mixer.

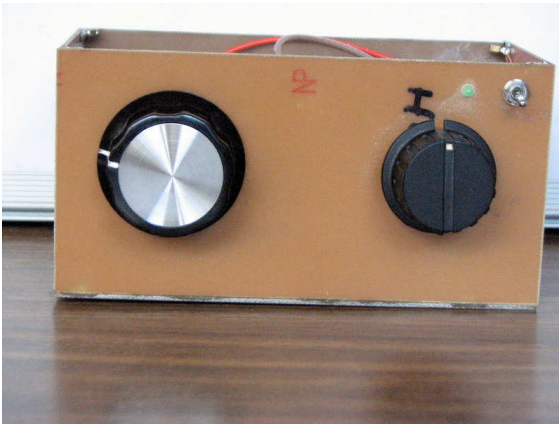
One pole of a double pole, six way switch is used for band switching the individual coils. The other pole is used to supply DC to the Band Pass Filter (BPF) and Low Pass Filter (LPF) boards. Yet to be built.



The capacitors should be polystyrene, silvered mica, or NPO ceramic types. This is to help stop frequency drift. Also the VFO is built in a shielded box to help with drift as well. I used a good quality air spaced tuning capacitor with anti-backlash reduction drive.

The inductors are wound on a ceramic former. You can find these in old strip heaters. Each coil in the VFO has the needed turns for each particular band tank circuit.

Next part of the project is the VFO stabiliser/frequency counter offset circuit.



Regards

Steven Hamer (VK3DAG).

JOTA

53rd JOTA - JAMBOREE OF THE AIR
15/17 October

We had about 20 scouts come and talk on the radio on the weekend. They were age from 7 years to 14 years old.

Due to the noise QRN the only long distance contact was VK7 VK2 VK3 but the Scouts had a great time. We helped them put together a Morse key with Batters and LED light and wire on a peace of timber using nails and drawing pins as a contact.



Thanks to all the members who helped out on the day

VK3VCE Dave, VK3DAG Steve, VK3CHV Ian, VK3COP Ron
VK3PXJ John, VK3TJS Jack.

Ps had a talk about squid polls phone no 0427202933
If you need to contact me
Dave VK3VCE

Dave VK3VCE with one of the Scouts.

D-Star

Hi All,

Just a quick update on VK3RGV B our D-STAR Repeater. It is now fully operational and running with its new gateway from my home location in Toolamba West.

The small black box in the photo is the gateway server that runs on 12 volts. Its is an Intel Atom running 2 GB ram and an 80GB solid state hard drive. The computer itself draws close to 0.8 amps and produces very little heat. The hard drive will also put up with a much higher heat than normal hard drive.

The repeater is covering about 30-40km local radius from my place and will be located here for a couple of months to ensure all bugs are ironed out before the system is installed on Mt Wombat.



It will be linked to Reflector 3C for the moment however if anyone wants to connect it to something else feel free. All systems are fully operational including DV Dongles and DVAP If you have any questions please feel free to drop me an email or give me a call.

Cheers
Toby VK3PNF

Is this d star?



Christmas Party

We have booked the Mooroopna Golf Club on the 5th of December at 12 noon.

IT WILL BE A SMORGASBOARD Lunch.

The last day for bookings will be Friday the 3rd . Those wishing to go can book with me VK3PXJ via e mail - glengordon@bigpond.com or by phone on 58241188

Thankyou and looking forward to meeting you there.

Classifieds:

After much deliberation I have decided to sell my “spare” Kenwood TS520.

It works on all bands except 40M. I kept it only for spare parts. It is missing part of VFO knob, one of the other knobs and it has no Microphone or power lead. Asking price is \$150.00 or nearest offer.

I will also have my other Kenwood TS 520SE for sale in January. It is in working order and good condition for its age. If you want to hear it I use it on 80m quiet regularly. It comes with a hand microphone, power lead and a printed copy of the manual plus other documentation needed to aid in the tuning process. Asking price is \$275.00 or nearest offer.

Contact Peter VK3FPSR on 5871 1000 BH.

Don't forget if you have anything for sale to let me know, you just never know your junk may be someone else's treasure.

Lets Lighten Up

Don't teach your Dog to Talk!

A young bloke goes off to University in the big smoke, but about a third of the way through the Semester, he has foolishly squandered what money his parents gave him. "Hmmm," he wonders, "How am I gonna get more money?" Then he gets an idea and calls his father.

"Dad," he says, "you won't believe the wonders that modern education are coming up with! Why, they actually have a program here that will teach Bluey the dog how to talk!"

"That's absolutely amazing," his father says. "How do I get him in that program?"

"Just send him down here with \$1,000," the boys says, "I'll get him into the course."

So, his father sends the dog and \$1,000. About two-thirds of the way through the semester, the money runs out. The boy calls his father again.

"So how's Bluey doing, son?" his father asks.

"Awsome, Dad, he's talking up a storm," he says, "but you just won't believe this - they've had such good results with this program, that they've implemented a new one to teach animals to READ!"

"READ!?" says his father, "No kidding! What do I have to do to get him in that program?"

"Just send \$2,500, I'll get him in the class."

So, his father sends the money. At the end of the semester, the boy has a problem. When he gets home, his father will find out that the dog can neither talk nor read. So he shoots the dog. When he gets home, his father is all excited.

"Where's Bluey? I just can't wait to hear him talk and listen to him read something!"

"Dad," the boy says, "I have some bad news. This morning when I got out of the shower, Bluey was in the living room kicking back in the recliner, reading the morning paper, like he usually does. Then he turned to me and asked, "So, is your Daddy still messin' around with that little redhead who lives on Oak Street?"

The father says, "Oh, Shit; I hope you SHOT that lyin' hound!!!"

"Sure did, Dad!"

"That's my boy!!!!!!!!!"

