

SADARC

SHEPPARTON & DISTRICT AMATEUR RADIO CLUB

**PLEASE NOTE HAMFEST CHANGE OF
DATE:**

New DATE

Sunday 11th October 2009

**Change of date due to clash with the
Adelaide Hamfest.**

We will resume our old date in 2010.

www.sadarc.org



REPEATERS VK3RGV 2m &
VK3RGV 70cm
CLUB CALL SIGN VK3SOL

**Volume 9,
Issue 7,
August 2009**

Office Bearers

President:

Toby Corbett VK3PNF

Vice President:

Kane Hinchliffe VK3HKH

Secretary:

Les Tatar VK3TEX

Treasurer:

Ron Burns VK3COP

Public Officer:

Les Tatar VK3TEX

Membership Secretary:

Pat O'Shannessy VK3OV

Technical Committee:

Ray Wales VK3RW

Neil Webster VK3KAL

Newsletter

Editor - Lisa Laffan.

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P.O.Box. 692 Shepparton 3630 Vic.*

A WORD FROM THE PRESIDENT

Presidents Report for August 2009

If there is somewhere new that you think we could advertise please contact myself via phone or email.

Rob VK3ECH and Ed VK3BG have been busy holding exams. We have a new Foundation Licensee (Peter Rentsch). Congratulations mate and we look forward to hearing you on the air when you get your new F call. Also I would like to thank both Ed and Rob for their efforts in conducting exams for our club. They both have a big distance to travel and it is very much appreciated.

Rob VK3ECH is organizing members on a roster system for our club station VK3SOL to compete in this years RD contest commencing at 6pm on Saturday 15th August. There will also be some use of our shack in the scout hall on Sunday 16th August kicking off around 10am and a BBQ

lunch if members attend. Please if you're available for a 1 hour block over the 24hr period or able to attend the hall the 16th it would be great to get as many involved as possible.

Some of the clubs many projects are well on the move however I have noticed that attendance to the last couple of prac days has been very low. Just a reminder to all members that unless otherwise notified the prac day will be held on the third Saturday of each month starting at 11am. Hope to see you all there sometime.

We will be having an information session on IRLP and Echolink. After our next meeting in September, hope to see you all then.

Cheers & 73s
Toby VK3PNF



Hello to all,

Great to see you all at the last meeting. Firstly I would like to congratulate John VK3FJHM on receiving his long awaited Wombat Award. Sorry about the delay but you know what they all say "good things come to those who wait". Thanks for your patience John.

Things are looking very good for our hamfest to be held on Sunday 11th October. I believe the hall is well over half booked already with bookings still be requested as time goes on. Please keep spreading the word around on air and where possible.

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Allow me to introduce myself. I am a ham operator from Cranbourne area who found that I could not buy aluminium tube that I wanted unless I had mill runs at a huge cost, as the suppliers did not want to stock telescopic tube for sale to the public one piece at a time.

Most amateurs want to make their own items and this is now a hard thing as the materials were not available in Australia. The projects in the antenna books then became a chore just trying to locate the tube. Bunnings or the local hardware do not stock the tube and tell you it is no longer available. Well it is available from Brian Smith.

I would like to let the club members know that I stock telescopic tube from 1/4 inch to 1 1/8 inch. In 1/8 increments.

I also stock aluminium masts and booms up to 100mm diameter.

4mm Aluminum wire for coils or I will wind 50mm and 90mm diameter. I can also do specials.

Pneumatic masts are in sizes from 5.4M to 15M and can be

made to order for special sizes. These are suitable for mobile base camps and field days and competitions. Being almost 62 I needed something light but robust that could be fitted to a 4X4 or caravan or guyed at a camp site. It had to support 2M/70cm yagis and wire antennas and 10M/15M/20M/40M/80M vertical dipoles that I make.

I also have manually raised models up to 10M tall.

In the wire antennas supplies are stops that are swaged on to the wire to hold it at fibreglass spacers and keep the spacer in place. I also stock stainless cable and copper wire.

The fibreglass covers on antennas that are seen on utes are in stock. Make your own antenna now you can get the parts.

If it is not listed above it is because there is just so many items. Call be on 0402 930 581 I am sure I will have the parts you need but cannot get from other sources.

Thank you
Brian Smith
VK3BSN/NBS

Minutes of August Meeting

Shepparton and District Amateur Radio Club Inc A6677S. Minutes of the monthly meeting held on 1st August 2009 at the Mooroopna Scout Hall, Echuca Rd Mooroopna.

Meeting was opened by club president Toby, VK3PNF at 13:04 Hours.

Present:

VK3COP Ron, VK3MAC Rob, VK3DAG Steve, VK3XQA Wayne, VK3AHT Geoff, VK3UG Rodney, VK3HBW Brian, VK3FALN Alan, VK3AXX Barry, VK3ECH Rob, VK3FIRW Ian, VK3OV Pat, VK3VG Trevor, VK3EJ Gordon, VK3MAR Terry, VK3FTIB Tibor, VK3FJHM John, VK3TJS Jacek.

Apologies:

VK3BG Ed, VK3KAL Neil, VK3CAF Clint, VK3JNC Ian, VK3TEX Les, VK3PXJ John, VK3DSF Max, VK3ALF Jan, VK3DDT Wes.

Minutes of the previous meeting: Minutes of the previous meeting were read out by Toby VK3PNF.

Motion to accept the minutes was raised by Tibor VK3FTIB seconded by Terry VK3 MAR. Carried.

Inwards Correspondence:

EMDRC Newsletter and the Midland ARC Newsletter.

Outward Correspondence: None

Treasurers Report:

Ron VK3COP handed out the treasurer's report to be read by the members.

Ron moved that the report be accepted and it was seconded by Tibor VK3FTIB. Carried.

General Business:

Rodney VK3UG gave a report that the repeater battery controller mod for the repeater has been designed and the parts have been assembled but it is yet to be tested.

Rod also suggested that the owners of the UHF CB repeater could be asked if they want their power system on the Amateur radio battery system.

Rod is also to receive a low band 828 which will be converted to a 6M repeater.

He commented that things are progressing in the 6M department and that we should have something in the not too distant future.

He said the squid poles are also performing well and people are happy with them.

Toby said that the battery system up the hill is getting quite old and that it will need to be replaced sometime in the future.

The CB batteries are separate to the Amateur ones and it was suggested by Rodney that it would be better if the whole system was on the one set. And possibly getting some kind of assistance from the CB repeater owners in covering some of the costs incurred.

Toby asked Rod to approach Max and Norma Matthey to see if we could come to some sort of agreement in what to do about the system.

Wayne VK3XQA gave a brief report on how the LED project was coming along and noted that most of the gear was now in the one central location at the club-rooms.

Pat VK3OV gave a report on the state of the tables for the Hamfest. At least 30 would be needed for the Hamfest. With the tables from the CFA there would be plenty.

Toby gave a brief rundown of the tables that have already been booked for the Hamfest.

Toby gave a rundown on the door prizes for the hamfest and other input from the traders.

Ron VK3COP commented further on advertising with the WIA and when it will go in.

Toby commented that he would be unable to attend the AGM this year in October. Maybe the date should be changed to November because Kain would be overseas during that time as well.

A motion was moved by VK3DAG to have the AGM moved to the November meeting. Seconded by Barry VK3KBY. Carried.

Toby awarded John VK3FJHM his long awaited Wombat award! Congratulations!

Geoff VK3AHT gave a report on

how the Twin cities ARC hamfest went which he attended.

Steve VK3DAG gave a report on how the Gippstech event went which he attended.

Rob VK3ECH commented on the upcoming RD contest and what it was all about.

Rob also discussed a project he was working on about a Dstar hotspot interface.

It's similar to an echolink node for Dstar.

Toby mentioned that he attended a hall committee meeting on Wednesday night and said they had a problem with the cleaning of the hall. They asked if we would leave the kitchen in a tidy state once we leave the hall. Toby agreed and asked the members if

they could keep this in mind.

Toby also bought up JOTA and asked if anyone could volunteer for the event this year.

Steve VK3DAG said he would do it again this year. And others also agreed to attend.

Toby asked the members to nominate a time for the scouts to attend the event. And this should be adhered to.

Ron VK3COP asked if anyone would like to become a part of WICEN because this is a very worthwhile activity and he said that we as a club should get a speaker in to give us a rundown on WICEN operations.

Toby closed the meeting at 14:10 Hours.

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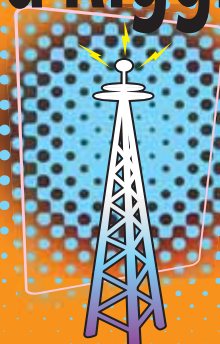
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Remember all membership renewals are due by the 1st of July 2009. Included in this newsletter is a renewal / application form. This form will be included in following issues of the newsletter. Please complete the form and return it with your money to Shepparton & District Amateur Radio Club, P.O Box 692, Shepparton, Victoria 3632 before July the 1st to continue your membership.



MEMBERSHIP & RENEWAL FORM

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A quick how to guide to make a 1296 Mhz 36 Element Yagi Beam in the back yard using basic tools.

By Steven Hamer, VK3DAG.



Cut the elements and file them down to size. And then *hot shrink* the centre boom insulator onto the element.



Use a home made jig to set element to boom position. Jig was pre drilled square from both sides.



Drill the boom with the jig to get it square. Drill one hole from each opposing side neatly.



Set the elements into the centre position with boom.

A quick how to guide to make a 1296 Mhz 36 Element Yagi Beam in the back yard using basic tools.



Hot melt glue the elements into place against boom.



Make the driven element out of N connector, 2 mm copper wire and a RG-402 half wave 4:1 balun.



The finished 1296 Mhz 36 element beam.
And it works to. *Dinki Di!*

Some Links to help with Measurements and design.

<http://vk5dj.mountgambier.org/Yagi/Yagi.html>

<http://www.w6pql.com/antennas.htm>

<http://www.qsl.net/ok1cdj/dj9bv23.pdf>