



GATEWAY

**The Official Magazine of the Gippsland
Gate Radio & Electronics Club Inc.**

April 2015 From The President

Well here it is, another 12 months gone past in no time. Looking back, it has been a challenging 12 months but also very rewarding.

I think one of the highlights would be the success of the prac nights, led by Rob and Albert. The popularity of these nights is a reflection of the hard work both Rob and Albert have put into preparing material to present and to educate members.

Our Hamfest was a success thanks to the willingness of you the Club members helping on the day. The help from Wayne Cooke organizing the food permit as well as publicizing the event on 2 metres while driving to and from work every day is fantastic. Steve Harding managed the bookings, art work, magazine adds laminated signs etc. The BBQ chefs, and the ladies in the kitchen all culminating into a very successful day.

Ian Jackson set a high standard with the 2014 Antennapalooza weekend at Drouin. It would be good to see other Melbourne Radio Clubs organizing a similar event and introduce alternative speakers and topics.

I enjoyed the "raids" we did to other Clubs Hamfests. Knowing that there would be other Club members there to talk and rummage through the tables gave you and incentive to attend.

A lot of effort went into moving the Website to a new host and I thank Mark VK3PKT for the work he did in setting up the new web site. Equally, I thank Steve Harding for the years of work he put into running and maintaining the GGREC Website.

Another popular event was the working bees. A lot of hard work was done in early 2015 getting the antennas in shape, erecting a shed, installing a gate, then fixing the antennas again. If that wasn't enough, the fallen tree tested our determination to pitch in and get the job done just in time for the Australia day BBQ.

Throughout the year, the committee was fantastic. Bryan's talents as a business manager brought order to the meetings, Graeme always knew where every cent of the Clubs money was, and Wayne was a wealth of ideas and happy to organize outings. Mark, as mentioned, handled the migration of the Website and the IRLP equipment upgrade.



I must also thank Dorothy for cooking delicious cakes for the General meetings and Paul Stubbs for doing a great job with the magazine.

I'm sure I have forgotten to mention and thank people but please know that your efforts contributed to a great year.

Now come along to the April AGM and don't be afraid to get into a committee position for the next exciting twelve months.

Bruno Tonizzo VK3BFT

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2015 Event Queue

April 2015

Friday 17 th	GM and AGM
Saturday 18 th	Working Bee to remove IRLP and Internet antenna from Tower (to be confirmed at GM).

May 2015

Friday 1 st	Prac Night
Saturday 2 – 8 th	VI3ANCAC Special Event for GGREC Opening Commemoration at Club shack 12:00PM.
Saturday 9 th	Moorabbin Hamfest
Sunday 3 rd	Pub Lunch Cranbourne RSL 12:00 PM
Tuesday 5 th	Deposit to be paid at April GM. Booking essential. See Wayne
Friday 15 th	Committee Meeting
	General Meeting (QRP show and tell and bring your oldest radio related item you have).

June 2015

Tuesday 2 nd	Committee Meeting	Updated
Friday 5 th	Prac night	Updated
Saturday 20 th	Midyear lunch Arthurs Seat restaurant 10:00PM	
	Booking essential See Bryan	Updated
Friday 19 th	General Meeting	Bring along your best Antenna photos

July 2015

Friday 3 rd	Prac night	
Tuesday 7 th	Committee Meeting	Updated
Saturday 11 – 12 th	Gipps Tech – Churchill Victoria	
Friday 17 th	General Meeting	
Saturday 18 th	GGREC HAMFEST	

Public Holidays 2015

ANZAC Day	25 th April	- Saturday
Queen's Birthday	8 th June	- Monday
Melbourne Cup	3 rd Nov	
Christmas day	25 th Dec	- Friday
Boxing Day	26 th Dec	
Boxing Day Holiday	28 th Dec	

From The Editor

or is it 'The Serviceman'

The last month has been fun in my shack, I kind of put my hand up to repair the club's main 12V power supply. Well put my hand up is not quite correct, I arrived at a prac night to see it with its lid off and a vaporised fuse sitting in front of it. Having spent many hours on this kind of device I automatically got stuck into it.

Now the first thing – the vaporised fuse, meant there was a fairly serious 'short' somewhere.

The best way to tackle this is to break the supply up into a few sections, and then see how much can be re-connected before we lose another fuse. If I was at home I would have temporarily replaced the fuse with either a circuit breaker, or a large light bulb (150W).

The first obvious place to break the supply into its sections was between the transformer and the rectifiers. Doing so allowed me to switch on the 240V mains without the loss of another fuse, so the transformers were ok. (Good, as a dead transformer would have been terminal for it)

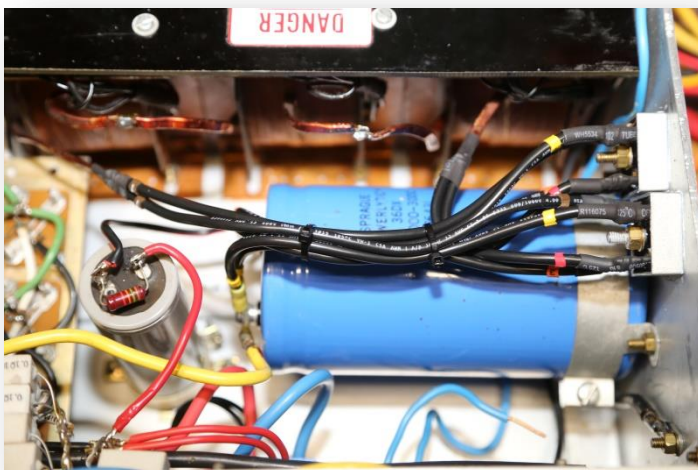
Next I injected 20V from the club's variable supply into the main filter capacitor, and out came 13.8V from the front panel, so the regulator & pass transistors were ok.

This only left the bridge rectifiers to test. Disconnecting them was a challenge due to the way they were wired in, but eventually they came out and a multimeter confirmed my suspicions, lots of dead and shorted diodes, No wonder the 240V input fuse was being destroyed.

Now this supply was a little unusual in that it had two bridge rectifiers in parallel, not the best way to do it, but after visiting Jaycar for a replacement, I gave in and decided to do the same again as the biggest device they had was a 35A bridge, I was after a much larger one, so I bought two.

Next I wanted to re-wire them with four different colour wires to make it obvious what wire was doing what, unfortunately the biggest colour wire I could get proved inadequate as under 20A load they all got very warm. I initially thought a bit of resistance would help in current sharing between the two rectifiers, but I obviously had way too much. So I ripped it all out again and went for 12AWG wire, however all the rectifier wiring was now black! – Not very good for the next tech to see what goes where, so I fitted coloured and numbered rings to all the wires – much better.

So all done – well not quite, I had a look at the 240V wiring and noticed the fuses were both in the neutral side, not the best position. Also one of them feeds the auxiliary 240V outlets on the back panel, VERY BAD, One could blow the fuse and the sockets are still 'live', Not to mention the colour coding of that wiring – Yuk, this thing is **NOT** leaving my shack like that – Oh well looks like it'll have to wait until after I get this magazine out.



Paul VK3TGX

April GM and AGM

Don't forget that **all** Committee positions will be up for re-election at the April AGM.

If you want the Club to be more technical, or more hands on radio or even more Club parties.....here is your chance to set the agenda for the next twelve months and steer GGREC into the future. See you at the AGM.

Sunday 3rd May Lunch at the Cranbourne RSL.

Join your fellow members and guests at the Cranbourne RSL for a delicious lunch and quality chat time. If you are coming, you need to pay a **\$5.00** deposit per person at the next meeting to secure your seat. See Wayne VK3XF to make sure you get your name on the list.

Home Brew Award

No, not home brew BEER.....You may have seen the Home Brew award in the Club shack while looking for books or parts etc.

Well, now is your chance to have your name engraved on the trophy.

We have decided to award the trophy at the November 2015 general meeting so start home brewing your radio or electronic device now. If you have recently built a project, you can bring that one along to be judged..

We will have to select a judging panel to evaluate the home brew devices but that will be in place by November.

Happy Home Brewing.



May General Meeting

At the May General meeting, we will be having a **QRP rig show and tell night**. So if you have bought or made a QRP rig, bring it along to the May GM and give a quick 5 minute talk about it. To make the night even more interesting (if that could be possible) We are also inviting you to bring along the oldest radio or radio related item you have. This should be a night not to miss, I hope we have enough table space to display everything!

VI3ANZAC Special Event

For us to have a good go at this event, we need to enlist the help of more radio operators. We have the VI3ANZAC call sign for seven days but so far we only have three members willing to participate. As you can see, we still need more operators. This is your last chance to be part of this historic event, commemorating the 100th anniversary of Gallipoli. Worldwide excitement is building for this event and we can contribute to its success.

Please email me President@ggrec.org.au ASAP and let me know if you are going to help out for a day.

Bruno Tonizzo

For Sale

One bench grinder

& Jig Saw



Also, one rack case

Any offers – literally

Paul VK3TGX



DF FOX HUNT

Eight cars arrive,
to win we all strive.
There was Bruno and Bryan,
also, Ian and Dianne.
3FW Dave and Ros,
and 3BRS Rob.
Brian and Nils,
Dave XMF and Will.
Dorothy and Helmut,
and our FOX Albert.
We all gathered round,
and made not a sound,
As Albert filled us in ,
on the method to win.
He distributed maps,
then said “off I go chaps”.
The fox was gone,
the contest was on.
Compass’s whirling,
Antennas twirling.
Mark the map with a line,
this direction is fine.
Get in the car,
don’t drive too far.
Listen for beeps,
don’t fall asleep.
The signal is brief,
it gives us all grief.
With compass we plot,
X marks the spot.
We stop for lunch,
on pies we munch.
We all had fun
when the hunting was done.
Dave and William won.
They’re the fox on the next one.

Dianne Jackson

Sunday 22nd March saw 13 eager Hunters armed with the latest in direction finding equipment designed to seek out the most worthy of Foxes head off around Cranbourne in an attempt to prove themselves worthy of the "Head Hunters" award. Realistically that should read; 13 people who had nothing better to do on a Sunday in March, spent the day waving their arms and \$5 antennas at passers by while trying to figure out where another amateur had hidden himself in the southern suburbs of Melbourne. Either way, those 13 plus the Fox had a pretty good day and made the most of probably one of the last reasonably hot days before winter. Five hunts were run, with the object being to triangulate the Fox's position on a paper map. At the end of the day's hunting, the maps were measured with a ruler to determine how far from the actual Fox's position the calculated result was. Tallying up all the measurements meant that the lowest scorer was the winner. That chest beating job was given to Dave VK3XMF and his sidekick (son) William. I was informed that there were educated guesses amongst the scientifically calculated markings on the maps but if a guess gets you within a kilometre or two of the right place, then I suppose you deserve to win. A close second was handed to the team of Nils VK3FLYS and Brian VK3FLEX, who started out the day by saying that their antenna did not work. Was that just to throw everyone else off the track? Third place went to Ian VK3BUF and Dianne VK3JDI. A special prize was awarded to Rob VK3BRS for correctly naming two of the streets in which the Fox was hiding and along with that he received fourth prize overall. Some useful prizes in the form of tools were given to the winners and although Bryan VK3FOAB was officially the lowest score for a finishing hunter, in fairness he did not complete the triangulation for a couple of hunts. However he was happy to take home a handy solder sucker for his construction projects as the "wooden spoon" prize.

The day must have gone down well as all participants talked eagerly at the debrief about different ways of running the next one including making the beams a bit more spiffy (read that as better). Well, I say that is up to the new Fox who is Dave VK3XMF. The pressure will be on Dave to get the next one going methinks. Thanks to everyone who came on the day. A couple of hunters pulled out at lunch time which was a pity as they only know now that they were doing quite well until they departed. The results may have been different had they been able to finish the day with us. All told, it was a great day, so thanks to the following people who made it work: Nils and Brian, Rob, Helmut and Dorothy, Ian and Dianne, Bruno, Bryan, Dave and William, Dave and Ros.

The results table is reprinted below. The figures represent the distance in millimetres on the map, between the marked and actual Fox location.

DF Hunt Results - March 22 2015

Team	Hunt #1	Hunt #2	Hunt #3	Hunt #4	Hunt #5	Total
Dave / William	25	25	60	30	16	156
Nils / Brian	30	25	2	31	70	158
Ian / Dianne	30	60	23	32	23	168
Rob	2	27	120	15	20	184
Bryan	26	No result	35	No result	No result	61
Helmut / Dorothy	8	45	38	Did not finish	Did not finish	91
Dave / Ros	52	52	29	Did not finish	Did not finish	133
Bruno	68	15	125	Did not finish	Did not finish	208

DF Hunt Video

Ian VK3BUF made a video of the DF hunt, and has uploaded it to YouTube, follow this link

<https://www.youtube.com/watch?v=grXFYuXodVg>

Alternatively, search for YJ0AUF and you will find it, and a few others.



3D Printing

For those interested in further info on the 3D printing demo given at a previous meeting:-
Here is a short video <http://youtu.be/v4jWxG7bHo8>



Links to interesting things and programs

Thomas Sanladerer (German 3D printing enthusiast and reviewer)

A video of him going over the process of 3d printing

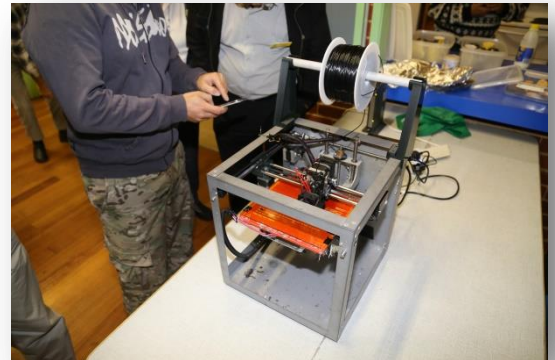
<https://www.youtube.com/watch?v=EZH4pqzjMoc>

and his channel

<https://www.youtube.com/user/ThomasSanladerer/featured>

Sketchup Download link

<http://www.sketchup.com/download>



Sketchup tutorial videos

part 1 <https://www.youtube.com/watch?v=dL01iW9DAEU>

part 2 <https://www.youtube.com/watch?v=M1QFmdZaZLE>

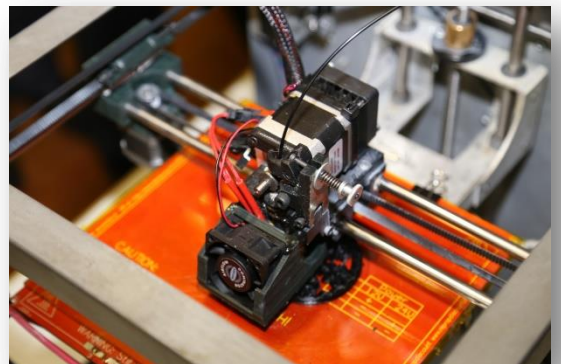
part 3 <https://www.youtube.com/watch?v=hIXsuOjk7gs>

part 4 <https://www.youtube.com/watch?v=lahlYgNlr2c>

HomeDistiller

Another aussie who bought a Solidoodle 3 printer and had to rebuild it to get it to work

<https://www.youtube.com/watch?v=ybiTFjOrUHg>



Thingiverse. An online collection of 3d models and plans for many weird and wonderful things

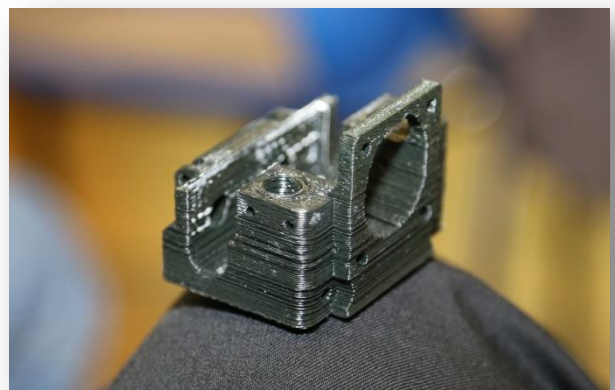
<http://www.thingiverse.com/>

Various 3d printer makers

<http://www.solidoodle.com/>

<http://www.makerbot.com/>

<http://www.makergeeks.com/prpak.html>



ANZAC 100 program gets world attention

The Wireless Institute of Australia (WIA) ANZAC 100 program detailed on its website (www.wia.org.au/newsevents/anzaccentenary/about/) has numerous commemorative callsigns, awards and events, now being joined by many local and overseas activities.

The ANZAC Centenary is a milestone of special significance for Australia, New Zealand, Turkey and other areas throughout the world.

The major commemoration starts on April 25, 2015, which is when Australian and New Zealand Army Corp (ANZAC) troops landed at Gallipoli 100 years ago.

ANZAC Cove on the Gallipoli Peninsula in Turkey, became famous as the site of WWI And helped define us as people and as a nation.

At this time we particularly remember not only the original ANZACs, but the century of service by Australian servicemen and women.

The commemoration encourages all radio amateurs to reflect upon and learn more about Australia's wartime involvement, the costs and its impacts on the nation.

The WIA ANZAC 100 program is in close cooperation with the New Zealand Radio Amateur Transmitters (NZART), the Türkiye Radyo Amatörleri Cemiyeti (TRAC), and IARU member-societies generally.

An official opening broadcast on ANZAC Day from Canberra will primarily involve the WIA, NZART and TRAC.

The VK100WIA broadcast will be heard at 4.30am NZ time on HF if possible, and via the Internet if propagation conditions do not allow a contact. All ANZAC-suffixed callsigns are expected to remain silent until after the broadcast. It will be re-broadcast marking the different time zones in Australia.

In Australia on the ANZAC Day weekend eight different ANZAC callsigns are to be on air. Additionally, radio amateurs are able to substitute their normal VK prefixed with AX on both April 25 and 26.

The New Zealand Amateur Radio Transmitters (NZART www.nzart.org.nz) has made available to its branches and member clubs ZL1, ZL2, ZL3, ZL4 ANZAC callsigns for a month.

In addition, the Kordia National System Award has been themed for the ANZAC Centenary, aimed at war memorials and further encourages ZL-ANZAC station contacts.

In Turkey there are ANZAC event stations including TC100GS, TC100GP, TC100KT, TC100VKZL, TC100A, TC100TC, TC100A, TC100B, TC100E, TC100K, TC100GLB.

To commemorate "Gallipoli" 100 years ago, look for Team Papa TC100GLB that is QRV until April 30, on the HF bands using SSB, RTTY and PSK.

Another is TC100GP (GP for Gallipoli <http://www.teampapa.org/archives/316>) on air and looking particularly for ANZAC related stations.

Summing up nicely the sentiment of the commemorative activity, TC100GP said that its message is one of 'peace to the world'.

WIA ANZAC Commemoration Coordination Team

COMPACT 6-BAND TGM BEAM FOR HF

Ian Jackson VK3BUF

Recently Phil, VK3HPC updated his HF antennas at his Bayside home. Space is a bit of a problem, so he imported a TGM Compact beam from the USA. Phill did all the hard work in assembly, but I was able to help a kittle with the final adjustments, which were quite straightforward as it turned out.

The MQ-36SR is an interesting beam in that with a single 1:1 balun it gives workable operation on 20,17,15,12,10 and 6 metres which is quite an achievement for such a compact unit.

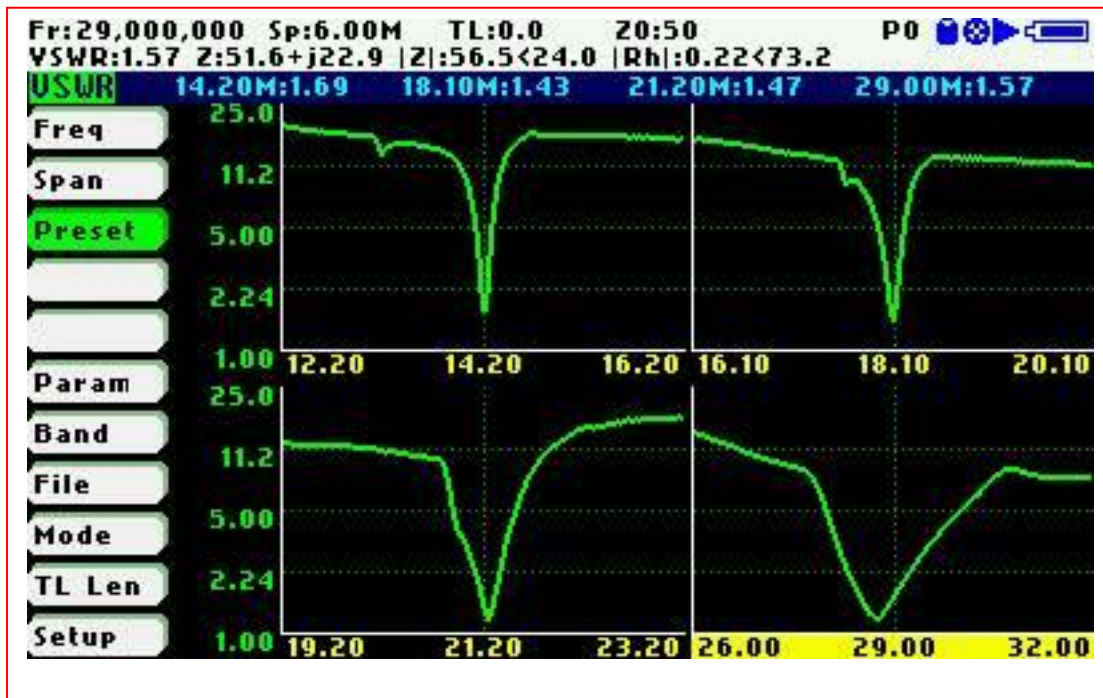
Phil had erected a single pole that reached above the second level of his house, where a Yaesu rotator and stabiliser bearing took it up another metre or so higher. The property fence line was only 2 metres away, so a compact antenna was essential.



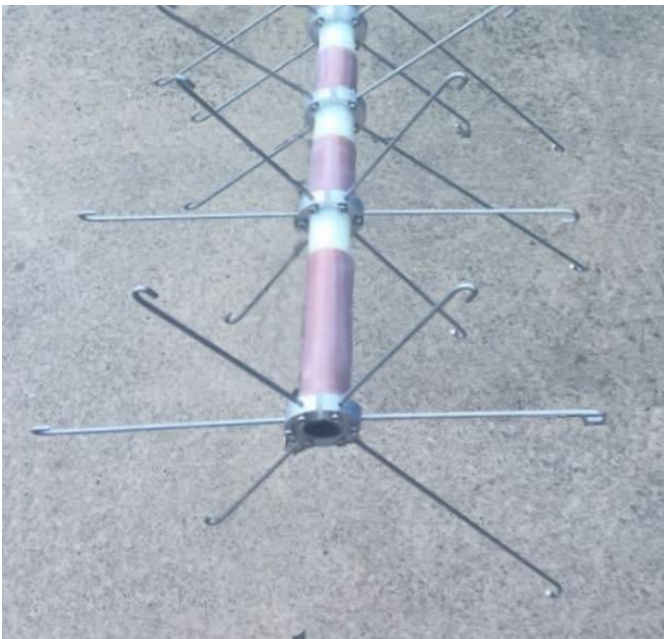
It has a rather odd looking reflector arrangement that would appear more at home on a hang glider than an antenna, but this broader section helps to combat the front-to-back ratio compromise from a conventional reflector usually 0.2 of a wavelength away on a specific band.

The antenna is tuned by adjusting the length of the longest spike on each coil with an Allen key at both ends of the driven element. Reflector and director settings were preset by the manufacturer. Phil had also acquired a Sark 110 antenna analyser, so I was able to strap it to my arm and adjust the antenna in real time from the rooftop.

We put the analyser in its quad-band mode so we could check the resonance and interaction on four bands at once with VSWR plots. The Q-factor is quite high, meaning that the bandwidth on any given band is not great, but this is to be expected of any antenna operating below its native half-wavelengths. The lower the band of operation, the more narrow the working bandwidth becomes.



Gain is quoted as being 6-7 dB over a dipole for each band, with a respectable 15-20dB of Front-to-back ratio. Coils are rated to 1500W so they should be able to endure the output of most stations. Wind loading is given as 120kph, but this would probably vary with beam heading into the wind. That reinforced reflector arrangement increases wind loading, but makes it more robust.



A closup of the loaded sections

Each band (except 6M) has a pre-wound coil and a nest of spikes for each band. Alignments are made on the highest frequency, closest to the boom first, then lower frequencies are optimised for the favourite parts of the band. This has to be done on both sides simultaneously, so it is good to have a second person on a 2M hand held who can work the rotator for you.

As a side-advantage, the spiky protrusions are good to reduce bird perching.

Essentially it is easier to think of this antenna as a more conventional 3-3element beam on 6 metres, with extra loading coils for other bands. It is not a cheap antenna, but reviews on performance are quite favourable.

In a time where the gaps between houses seem to be getting closer and closer together, this type of antenna with a small footprint and minimal wind

loading definitely has a role to play for keen HF operators in metropolitan Melbourne.

Last AGM Minutes

Annual General Meeting of 11th April 2014

Location: Guide Hall Cranbourne.
Start Time: Meeting commenced at 8:20 pm
Chairperson: Ian VK3BUF
Minutes taken: self VK3BXG.
Present: Members, as per (April 2014) general meeting attendance sheet.
Apologies: As per (April 2014) general meeting attendance sheet.
Correspondence in: as per (April 2014) general meeting.
Correspondence out: as per (April 2014) general meeting.
Treasurers Report: verbal by Ian VK3BUF for 2013 – 2014, total income was \$6,904.95 total expenses were \$8,300.24, net loss \$1,260.39.
A written report will to be given to administration secretary for filing.

Annual General Meeting minutes of 20th April 2013 and as per Gateways April 2014 and read by self VK3BXG.

Moved accepted Russ VK3MWR, seconded Mark VK3PKT, all in favour, carried

Business from the Previous Minutes.

None.

New Business.

All committee positions now vacant.

Nominations for the 2014 / 2015 proposed committee were:-

For President, Bruno VK3BFT; self nominated seconded by Ian VK3BUF.

For Administration secretary, Bryan VK3FOAB, nominated by Ian VK3BUF seconded by Mark VK3PKT.

For Treasurer self nominated VK3BXG, seconded by Yarn VK3NOV.

For Committee, Mark VK3FSWP self nominated, seconded by Helmut VK3DHI.

For Committee, Wayne VK3ZWC self nominated, seconded by Rob VK3BRS.

Public Officer secretary, Ian VK3BUF self nominated, seconded by Pat VK3OZ.

Because there was only one candidate nominated for each one position, moved by Ian VK3BUF that the nominations be accepted, seconded Russ VK3MWR, all in favour, carried.

Meeting closed 8:35 pm

General Meeting Minutes 20/03/2015

Start time : 8:00 pm. **Location :** Club rooms. **Chairperson :** Bruno **Minute Taker :** Bryan

Present : As per attendance sheet **Visitors:** Nil. **Apologies :** As per attendance sheet.

Correspondence received :

1. Apparatus licence received for VK3RDD
2. Account from Energy Australia for power consumed.
3. Cheque from VK3AQJ re. table booking for hamfest.
4. Email from Fred Swainston re. cut-off date for 2015 ANZAC Commemoration applications to be 31 March.
5. Numerous emails from Jim Linton re. VI3ANZAC hosting re. GGREC involvement, logging requirements and programs to be used.
6. Numerous emails from Ted Thrift re. the club's public liability insurance.
7. Email from Bernadette Brodribb re. surplus components available for club use, if desired.
8. Numerous emails from Mark VK3PKT re. VentralP webhosting plan.
9. Email from WIA re. latest Board meeting.
10. Email from Rob VK3BRS re. prac night on 06/03/2015.

Correspondence sent :

1. Email to members re. Use the Radios Day on 1 March.
2. Email to members re. VK3RWD being off air for maintenance.
3. Breakout magazine, Feb. 2015 edition from NZ.
4. Request for assistance for VK3KIS from EMDRC.
5. Email from Graeme Lewis VK3GL advising of MDRC Hamfest on 9 May 2015.
6. Numerous emails to Ted Thrift re. WIA public liability insurance for club, and payment of premium.
7. Email to Jackie Hanafie re. un-presented cheque related to her late father's estate.
8. Notice re. prac night for 06/03/2015 from Rob, VK3BRS.

Treasurer's report :

Graeme presented the financial reports for the club, covering the period 15/02-15/03 and circulated a copy of same. Members who wish to receive a copy should contact the Treasurer direct.

Read : Graeme VK3BXG **Moved :** Graeme VK3BXG **Seconded :** Leigh VK3FACB **Carried :** Yes

New Callsigns : Nil.

Previous Minutes :

Read : As distributed in the club magazine.

Business arising from the previous minutes :

1. Magazine – a correction to the article in the March edition about the "Use the Radios Day" that training was given on tuning of the TS520S, rather than the TS850, as stated.
2. Pub Lunch: This will be taking place on 3 May 2015, and will be lunch at the Cranbourne RSL, commencing at around 12.30pm. As a deposit is payable when the booking is made, those persons planning to attend are asked to lodge a \$5 deposit with the Treasurer when they submit their names. (The \$5 will be returned to you on the day.) It is hoped that members of EMDRC will also be present on the day, but their attendance is yet to be confirmed.
3. Mid-Year Lunch: A provisional booking has been made for lunch at Arthurs Restaurant & Bar, Arthurs Seat for 20 June 2015.

4. EMDRC Hamfest will be conducted on 29 March at Great Ryrie PS, Heathmont, for those looking for a bargain.
5. Hands-Free Kit: Artwork for version 3 of the kit is now ready.
6. Repeaters/Beacons: Software for VK3RWD is being modified. VK3RDD and VK3RLP are operating well. Rob VK3BRS has the case for the beacons and work is proceeding.
7. ANZAC Commemoration: Those members wishing to operate the station VI3ANZAC for the period 2-8 May should give their names to Bruno ASAP. A display of wartime memorabilia will be mounted and members of the local RSL will be invited to attend. The Winlog32 program will be used for logging of calls.
8. Antennapalooza: Anyone with ideas for Antennapalooza should contact Ian or the committee.
9. Licence classes: The next Foundation class will be held on the weekend of 11-12 April, with 3 candidates interested so far.
10. Fox Hunt: Albert VK3BQO gave details of the proposed fox hunt. We have 6 hunters so far. They should assemble at the clubrooms at 9.30 am for a 10.00 am start and the hunt will cover an area from Dandenong in the north, to Tooradin in the south, with lunch being held in a small township. Each map will have the starting point for that hunt clearly marked.
11. Components and switches: Members are invited to help themselves to the components and switches which were donated to us recently, and which are displayed at the back of the hall.
12. Eildon Weekend: A report was given on the recent Labour Day weekend to Eildon. There were a good number of members who decided to take advantage of the long weekend to enjoy the peace and quiet of the area, with some visiting nearby Gough's Bay and others cooking damper on the fire. Thanks to those who took part.
13. Prac nights: These have been well attended and much appreciated by members.
14. Fire extinguishers: These are out of date and need to be replaced.

New business :

1. Next month (April) is the Annual General Meeting, and membership fees will be due. There will be vacancies to fill on committee, so please give consideration to standing for positions that might become available. The books will also need to be audited. Bruno VK3BFT will be chairman for the AGM.
2. Hamfest: Is currently tracking well with 13 tables booked. The food permit is also in place. Suggestions for suitable door prizes would be welcomed.
3. Web site: Thanks were extended to Mark VK3PKT for setting up our new website. The gallery is set up, and once you have been authorised (by Mark), you can upload photos, vote on photos etc. The suggestion was made that a Technical page might also be useful, so that topics from prac nights or speakers can be pursued.
4. IRLP: Whoever hosts the IRLP must have good propagation, must be a stable resident and their internet host must provide a permanent IP address. (These details can be obtained from ISP's.)
5. Club internet access: We need to rebuild the existing computer due to it being overrun with spam. It may be useful to have two computers – one (offline) with permanent club files, and a second for internet access.
6. Jenny Goddard: Is currently in hospital following a stroke. She is currently in Monash Medical Centre, but the plan is for her, when she is well enough, to move to rehab, where she may spend 6-8 weeks.
7. Club web addresses: These addresses will no longer be available under our new email provider. In order to make sure that we have up to date addresses for all members, a list will be available at the next meeting so that any necessary corrections can be made.

Meeting closed : 9:40 pm

Next Committee Meeting : 7 April 2015

Next Prac Night : 3 April 2015

Next General Meeting : 17 April 2015



Club Information



Meetings 2000hrs on third Friday of the month at the
Cranbourne Guide Grant Street Cranbourne
Prac nights first Friday in the Peter Pavey Clubrooms Cranbourne 1930hrs
Visitors are always welcome to attend

Office bearers

President	Bruno Tonizzo	VK3BFT	Repeater Officer	Albert Hubbard	VK3BQO
Admin Sec	Bryan Simm	VK3FOAB	Web Master	Mark Clohesy	VK3PKT
Treasurer	Graeme Brown	VK3BXG	Magazine Editor	Paul Stubbs	VK3TGX
General 1	Mark Clohesy	VK3PKT	Property Officer	Bruno Tonizzo	VK3BFT
General 2	Wayne Cooke	VK3XF	Secretary	Ian Jackson	VK3BUF

Call in Frequencies, Beacons and Repeaters

The Club Station VK3BJA operates from the Cranbourne Clubrooms.
6m Repeater Cockatoo VK3RDD In 52.575, Out 53.575 CTCSS 91.5
70cm Repeater Cranbourne VK3RLP In 434.475 Out 439.475 CTCSS 123Hz
VK3RLP Repeater supports Remote Internet access (IRLP) Node 6794.
70cm Repeater Drouin VK3RWD In 433.575 Out 438.575 CTCSS 91.5Hz
Simplex VHF - 145.450 MHz FM • Simplex UHF - 438.850 MHz FM
VK3RLP Beacons 1296.532 MHz & 2043.532 MHz

Membership Fee Schedule

- Pension Member rate \$25.00 Extra Family Member \$20.00
Standard Member rate \$40.00 Junior Member rate \$25.00
Fees can be paid by EFT to BSB 633000 - Account 146016746.
• Always identify your EFT payments.
• Membership Fee's Are Due at each April Annual General Meeting.

Magazine Articles to editor@ggrec.org.au or vk3tgx@gmail.com
All other Club correspondence to: secretary@ggrec.org.au
or via Snail Mail : PO Box 1098, Cranbourne 3977
GGREC Web Site & Archive may be viewed at: www.ggrec.org.au
Facebook Page www.facebook.com/GippslandGate