

GATEWAY



THE OFFICIAL JOURNAL OF
THE GIPPSLAND GATE RADIO
AND ELECTRONICS CLUB INC

OCTOBER 2000

Gippsland Gate Radio and Electronics Club Inc.

Incorporation Number A0016893M

Club Meetings are held on the third Friday of each month
at the Cranbourne Girl Guide Hall in Grant Street.

The meetings commence at 8:00 PM.

Visitors are most welcome.

Committee Members 1999/2000

President	Bruno Tonizzo	VK3BFT
Secretary	Andrew Clinkaberry	VK3HFA
Treasurer	Mike Ide	VK3KTO
Committee member	Russell White	VK3MWR
Committee member	Helmut Inhoven	VK3DHI
Magazine Editor & Printing and Dispatch	Dianne Jackson	VK3HDI Ph. (03) 9776 5000

Club Station VK3BJA Located at the Guide Hall

Club Repeater VK3RDD Freq. in 52.575, out 53.575 Mhz

Call in Freqs. are HF on 28.325 Mhz, USB

VHF on 146.225 Mhz, FM and UHF on 438.850 Mhz, FM

Visit our internet site at:

<http://avoca.vicnet.net.au/~ggrec/>

Current GGREC Inc Membership Fee Schedule

Full Member \$30.00, Pensioner Member \$15.00

Junior Member \$15.00, Extra Family Member \$10.00

Fees due after each April Annual General Meeting.

**The deadline for submitting Gateway articles is EIGHT DAYS
before each General Meeting.**

Please direct magazine correspondence to 105 Franciscan ave Frankston 3199

Phone: 9776 5000 or Email ianjackson@netspace.net.au or Fax: 9776 5451

All other Club correspondence to PO BOX 1098 Cranbourne 3977

Production cost per copy of Gateway : 90cents

Presidents Message

Welcome to the October issue of Gateway.

October is JOTA/JOTI month. JOTA is an excellent event for the entire Club to participate in. What ever your interest is, there will be some thing there for you to enjoy. Sending and receiving Morse code, HF on many bands, Packet Radio, Internet, hand held communications, Short wave listening, spicam, food and entertainment...it doesn't get any better than this!!

Please come along and support your Club on Saturday the 21st of October at the Guide hall from 12:00 to 9:00pm

The committee is currently getting some prices for a replacement computer for the Club. With so much on offer, finding the right deal is not an easy task. If all goes to plan, the committee will present an offer for your approval at this months GM.

Further discussion about increasing the area of the radio room has resulted in a letter to Casey council asking about grants and how to apply for them. We are exploring our options in terms of assistance from Casey Council before we formulate our next proposal.

As there is no GM in December, I thought that this would be a good opportunity to review the years activities before time runs out. I hope you have enjoyed the year so far. I know that I have steered the committee towards more social events than technical ones, and your participation has been fantastic.

Ian Jackson's power supply project has warmed up soldering irons that have laid dormant for many months. It's a great kit and Ian's effort in designing and preparing the kits for the Club is to be applauded.

Our White Elephant / Trash and Treasure day was a success that the Club can be proud of. Early bookings for next years event have already being received, pointing towards another successful event. In 2001.

**See you at the GM,
Bruno Tonizzo
VK3BFT**



Event Queue

DAY	DATE	TIME	DETAILS
Fri	20/Oct	8pm	General Meeting and prep for JOTA
Sat	21/Oct	12noon	JOTA.
Fri	03/Nov	8pm	Prac Night and equipment calibration
Wed	08/Nov	7.30pm	Committee meeting at Mike VK3KTOs house
Fri	17/Nov	8pm	General Meeting and CPR Demo
Sat	02/Dec	3pm	Xmas Party , venue to be announced.
Fri, Sat, Sun	26 th 27 th 28 th Jan 2001		Bendigo weekend away. Big 4 Ascot Holiday Park.

CHRISTMAS PARTY

Although a final decision about the venue has not been made yet, we are planning a fantastic Christmas break up party this year. There will be competitions, prizes and of course our Christmas Hamper Raffle. Tickets for the raffle will be available at the October and November general meetings and also at the break up party. Tickets cost \$1.00 each.

You will need to bring some meat for the barbecue, plates, knives, forks, glasses and drinks, and don't forget to bring along a chair.

See you there, Saturday the 2nd of December.



Gory Details ...

JOTA

On Saturday the 21st of October the GGREC will be participating, with the Cranbourne Girl Guides, in the **Jamboree On The Air**. This event falls the day after our October meeting night, so we will be able to start to set things up for JOTA after the meeting. This year, the event will start from **12 noon** and go through to **9pm on Saturday night**. The Guides are hoping to have access to the Internet, Morse Code, ATV and radio communications. If you can help on the day, even if it is only for an hour or so, we would greatly appreciate your help. All volunteers will receive a "JOTA 2000" badge, but you must let Bruno know that you will be helping out so that we can organise a roster.

AOCP EXAMS

There will be no further exams for this year. Exams will commence again in February 2001.

CHRISTMAS HAMPER

This year the Club will be purchasing a Christmas hamper for our annual Christmas hamper raffle.

The hamper will be valued at approximately \$50.00 and **tickets will be on sale at the October and November meetings, for \$1.00 each.**

FUN WEEKEND IN NOVEMBER

Kerry Clayton recently sent us a letter inviting all the members of the GGREC to a weekend away staying at the Talbot caravan park, which is near Maryborough, on the 17th, 18th and 19th of November.

It looks like it could be a fantastic weekend away for those of us with tents and caravans.

The RACV sponsored Energy Breakthrough weekend occurs mid November each year and involves a Friday night carnival, various displays from schools on alternative energy ideas, and the highlight, a 24 hour race between dozens of human powered vehicles and hybrid motorised vehicles. All these vehicles must be made, maintained and, with a team of participants, raced through the night for 24 hours. A spectacle of action, excitement and the occasional drama.

Other activities in the region include the Avoca winery district, the historical Maldon township and many gold mining exhibits including the site of the "welcome stranger" nugget. (All within half an hours drive)

Please let us know if you are interested in coming, as soon as possible so that bookings can be made for the meal at the Golf Club and the Caravan Park.

READ ALL ABOUT IT

If you have been up to anything interesting or entertaining since our last meeting, then jot it down and let us read all about it.

CLUB NET

We are now running regularly scheduled Club Nets, on the Club 2 Metre frequency, 146.225. The Nets are held on every 2nd and 4th Sunday's of each month, starting at 8pm. Colin VK3NQS is our net controller this month. The next net nights will be, Sunday the 22nd of October the 12th of November and the 26th of November.

BARGAINS AT THE WIA

If you are looking for a bargain, and you are a member of the WIA then this internet site is for you. The WIA have got amateur radio equipment disposals on sale to Members, on their home page. www.tbsa.com.au/~wiavic/

BENDIGO WEEKEND

The Australia day weekend next year will be on Friday the 26th, Saturday the 27th and Sunday the 28th of January. The GGREC has planned a weekend trip to Bendigo, staying at the (Big 4) Ascot Holiday Park. It will be "book your own" accommodation, so don't leave it too late.

Costs: Powered Site	\$20.35 (two adults, per night)
Non powered site	\$15.40 (two adults, per night)
Extra adults	\$6.60 (per night)
Extra kids	\$4.40 (per night)

Ascot Holiday Park has a Pool, spa, playground, TV room and barbecues. For Bookings please phone 1800 062 340.

Maria Harding has been investigating all sorts of interesting things to see and do, including, Lake Weeroona boardwalk, White Hills Botanical gardens animal sanctuary, Bendigo Pottery, Bendigo car museum, living wings and things - tropical butterfly house, Golden dragon museum, Discovery science and technology centre, Mini Golf and wineries galore. (To name but a few). The weather in January is usually pretty good so we should be able to really enjoy ourselves.

At the October meeting, we will need a rough idea of the numbers attending, so that we can choose an appropriate venue, for a dinner on the Saturday night.



B.A.R.G.

BALLARAT AMATEUR RADIO GROUP INC.
PRESENTS

HAMVENTION 2K

AT THE
BALLARAT SHOWGROUNDS
WOOL PAVILION

CNR. CRESWICK RD & HOWITT STS.
ENTRANCE FROM WHITE AVE.

28TH & 29TH OCTOBER
ENTRANCE – \$5.00 (UNDER 15 Y/O FREE)

FREE COFFEE / TEA ALL DAY

LIGHT LUNCH AVAILABLE

Hamburgers – Sausages – Soft Drinks

Sandwiches, Devonshire Teas



Trestles available at reasonable charge. (Booking Essential)
SATURDAY 28th.

ARDF events – Contact Jack (VK3WWW) 03-9873 2459

email – vk3www@alphalink.com.au

Evening Counter Tea – 7.00pm Western Hotel. (Please book with Tom.)
SUNDAY 29th.

Displays and Sales start at 9.00 am.

Fox and Sniffer hunts from 9.30 am.

Homebrew Competition

MAIL TO: Tom George
33 Wattle Ave. Wendouree Vic. 3355

ENQUIRIES
Tom – VK3DMK – 5339 9737
email – theatom@start.com.au

Doug. – VK3KAY – 5339 2778

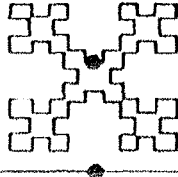
INSERT TO "AMATEUR RADIO" OCTOBER 2000 VOL 68 NO. 10.

Recently there has been some e-mail around the traps on an innovative form of antenna based upon Fractal algorithms.

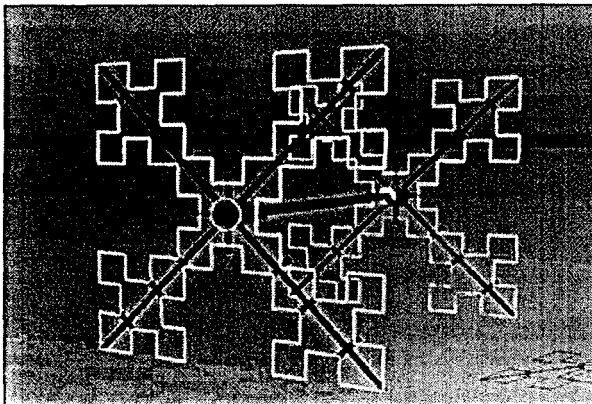
A web site at <http://www.fractenna.com/fasfaq.html> has lots of information on them. It is worth a look. Some of the discussion has soundly bagged the concept, but reders should perhaps experiment and form their own opinion.

Here are some snippets to wet your appetite.

A: Fractals are 'broken curves'. They are a class of geometry that has been defined and popularised through the efforts of Benoit Mandelbrot and many others. They break in two main geometric types: deterministic; and random (chaotic). Random fractals are quite familiar and many look like random walks (Brownian motion); dendrites; or lightning bolts. Deterministic fractals take a 'motif' or 'generator' and apply it on successive size scales. Usually fractals are described as being 'self-similar'.



Schematic of two folded dipoles,
the top one an efficient fractal about 1/4 the size of the bottom,
with virtually the same gain.



TRIAL SLOW SCAN TV REPEATER ON 20 METRES IN NSW

Steve VK2ISP is currently testing an SSTV Repeater system on 14.239 MHz.

Please feel encouraged to try it out using these instructions:

1. If your SSTV program has the capabilities to TX a 1750 Hz tone use this to activate the repeater. The tone should be 3 seconds or longer. Once the repeater has received your tone, it will acknowledge with a CW K (dah-dit-dah). If you do not have a tone button, try using CW and varying the VFO to product a 1750Hz tone (or whistle in SSB).
2. Once you have received the K, you will have 10 seconds in which to transmit your image in a variety of modes. If no image is received the repeater will transmit the last picture it received.
3. If you did transmit a picture, a repeated picture will follow a few seconds later, so be sure that you're ready.

The repeater is located in Coogee, New South Wales and barring any technical or regulation difficulties will become a permanent fixture. The rig is an Icom IC-725 with around 135W output into a Butternut HF6V Vertical Antenna.

Hopefully in the future this will be integrated into other image retrieval and transmission technologies for the benefit of all amateurs.

73 de Steve, VK2ISP

ERRATA NOTES ON LCD DISPLAYS FOR CLUB POWER SUPPLY PROJECT

By Ian Jackson VK3BUF

With the recent Club power supply project based on PC supply modules, there were a few members who opted for the LCD rather than the LED style of display. While they look pretty cool, they are a bit more tricky to set up than the bright LED style that most members opted for. However, they will work. I had intended to put the errata notes in this mag to assist the setup process, but um I ran out of time.

Stay tuned for these details in the November mag.

JOKES

Miss Bea was in her eighties, and much admired for her sweetness and kindness to all. The pastor came to call on her one afternoon, early in the spring, and she welcomed him into her Victorian parlour. She invited him to have a seat while she prepared a little tea. As he sat, facing her old pump organ, the young minister noticed a glass bowl sitting on top of it filled with water. In the water floated, of all things, a condom. Imagine his shock and surprise. Imagine his curiosity!

Surely Miss Bea had flipped or something.....!!!!

But he certainly couldn't mention the strange site in her parlour.

When she returned with tea and cookies, they began to chat. The pastor tried to stifle his curiosity about the bowl of water and its strange floater, but soon it got the better of him and he could resist no longer.

"Miss Bea" he said, "I wonder if you would tell me about this?" (pointing to the bowl)

"Oh, yes," she replied, "isn't it wonderful? I was walking down town last autumn and I found this little package.

It said to put it on the organ, keep it wet and it would prevent disease.

And you know... I haven't had a cold all winter."

This joke was sent in by Colin and Bobbie Bishop

Two men, Ken and Noel, went on a camping trip to the Darling Downs. After a good meal and a bottle of wine they lay down in their tent and went to sleep.

Some hours later, Noel awoke and nudged his faithful mate awake.

"Ken look up at the sky, tell me what you see".

Ken replied "I see millions and millions of stars".

"What does that tell you?" Noel questioned.

"Astronomically, it tells me there are millions of galaxies and potentially billions of planets. Astrologically, I observe Saturn is in Leo, I deduce that the time is approximately a quarter past three. Theologically, I can see God is all powerful and that we are small and insignificant. Meteorologically, I suspect that we will have a beautiful day tomorrow."

"Is that all?" Noel asked.

"Yes" Ken replied, "why, am I missing something?"

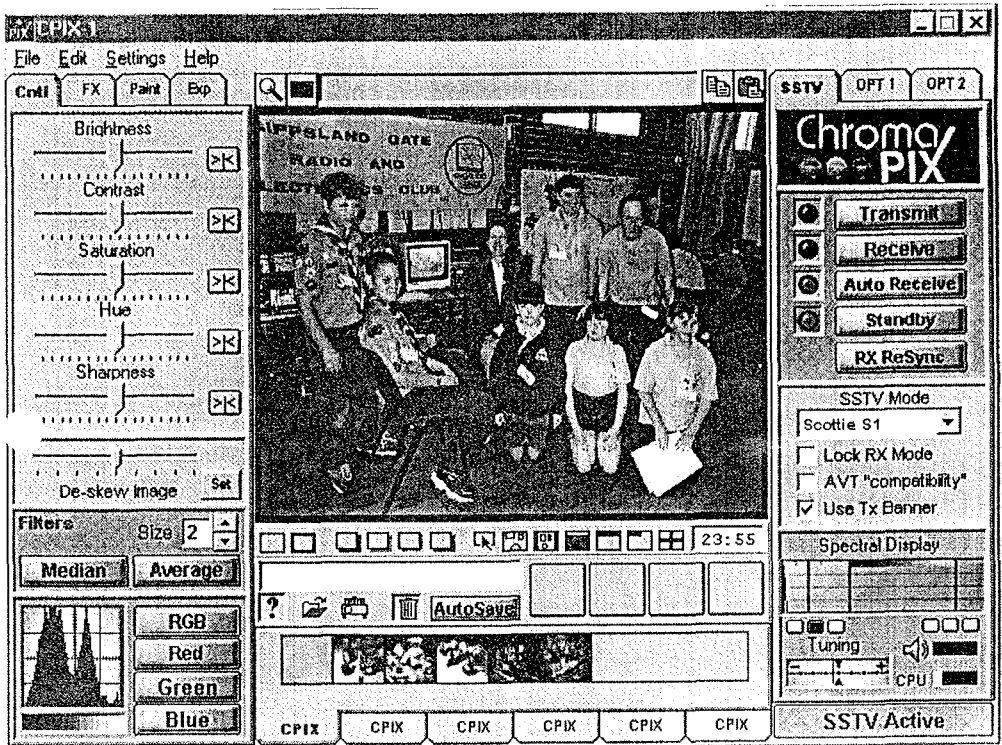
Noel was quiet for a moment, then said: "Ken you idiot. Someone has stolen our tent!"

Campbelltown Idiot

As a female shopper exited the Campbelltown K-Mart in Queen Street, a man grabbed her purse and ran. A shop assistant at K-Mart called the Police immediately and the woman was able to give them a detailed description of the snatcher. Within minutes, the police had apprehended the snatcher, trying to mingle in the shopping crowd on Queen Street. They put him in the car and drove back to the K-Mart store. The thief was then taken out of the car and up to the K-Mart front desk and told to stand there for a positive ID. To which he replied;

"Yes, Officer, that's her. That's the lady I stole the purse from ."

SSTV AT JOTA 2000



Last month the Club met for dinner at the Pakenham Inn.
Paul VK3TGX took these shots:



Peter VK3VB, David VK3XMF and Ian VK3BUF



A truly Olympic meal!

(Paul was worried that he was breaching trademark laws, so he ate the evidence)

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Peter VK3VB

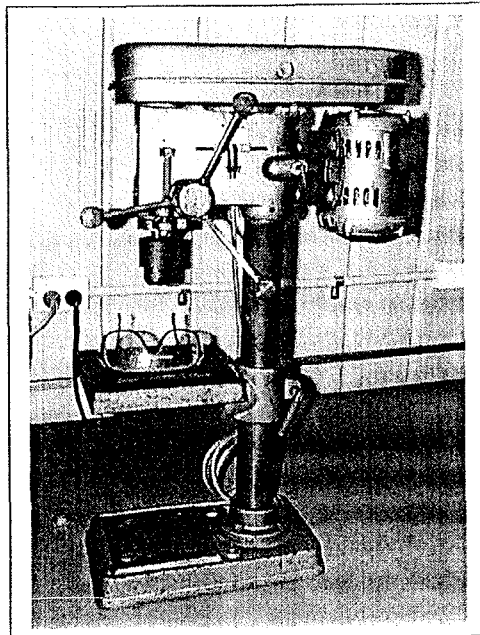
03 59983533 10:30am - 8:30pm

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WORKS OK



RING Ian Jackson VK3BUF on 9776 5000

Gippsland Gate Radio and Electronics Club Inc.

GENERAL MEETING MINUTES

Date : 15/9/00 **Start :** 2015hrs

Chairman : Bruno VK3BFT **Minute Taker :** Andrew VK3HFA

Present : As per attendance sheet **Visitors/Guests :** Nil

Apologies : Albert VK3BQO, Colin & Jason VK3NQS , Ian VK3BUF, Di VK3HDI, Russ VK3MWR, Dave VK3XMF, Ken Towan, Paul VK3TGX and Mariana

Correspondence received : EMDRC Newsletter, FAMPARC News, Amateur Radio

Correspondence Out : Pool Committee, Mayor re: JOTA

Treasurers Report : **Read by :** Mike VK3KTO **Moved by :** Mike VK3KTO

Seconded by : Ian VK3VIB **Carried**

Income : \$69.25 **Expenditure :** \$36.26 **Balance :** \$6632.05

New call signs : Nil

Previous Minutes : **Moved :** Ivan VK3ARV **Seconded :** Reg VK3UK **Carried**

Business Arising :

1. Outline of upcoming events as per newsletter.
2. 14/10 is new exam date, applications by 29/9.

General Business :

1. A query was raised on the use of 146.225 as the club call in frequency. It was felt that it was all OK as the closest repeater input is in Mount Gambier.
2. Part of the 70cm band is too be lost in Western Australia too police
3. Phil Pavey has volunteered to be the magazine editor.
4. President asked for input on other electronic type social events we could undertake. A follow up on channel 7 to be undertaken.
5. A card to be sent to Ian VK3BUF and Di VK3HDI expressing the clubs condolences.
6. Reg VK3UK explained his bowling trophies.

Guest Speaker: Members watched the opening of the Olympic.

Next meeting: 20th October 2000 **Meeting Closed :** 2035 hours.

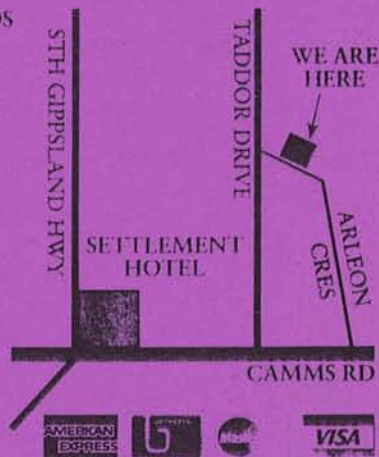
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