

GATEWAY



THE OFFICIAL JOURNAL OF
THE GIPPSLAND GATE RADIO
AND ELECTRONICS CLUB

SEPTEMBER 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**

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President's Message

Welcome to the September edition of GATEWAY.

Last months screening of the '56 Olympic games showed us how far technology has evolved since 1956. Technology in sports clothes, cars, training techniques, movie cameras, even the games themselves have evolved to the Olympics we will be seeing in a few days.

What has this got to do with Amateur radio ? I couldn't help overhearing two amateur radio operators having a QSO on a local two meter repeater about the pressure on the value of the spectrum that is allocated to Amateur radio and how we might keep it primarily for amateurs. The thought of purchasing the spectrum space was discussed but they quickly concluded that we could not possibly raise the millions of dollars needed to purchase it. So how are we going to keep it ?

In the USA, amateurs are being told to act like amateurs if they want to keep the spectrum. Experimentation, innovation, being a community asset, public education etc, These are the reasons we have access to the spectrum that we have. Unfortunately not too many amateurs have these attributes.

As a Club I feel that GGREC provides an avenue for the community to be educated in modern technology. Some of us are innovative and do experiment with modern technology and techniques. I'm sure that we are representative of a typical radio club. What we (the Amateur radio community) don't have is a fine tuned publicity machine to let the public know what we are up to.

Can we design and produce a voice transceiver that transmits digital signals instead of analogue to mate to our new 13.8 volt power supplies? "I'd like to see that"

73's from Bruno Tonizzo
VK3BFT



Event Queue

DAY	DATE	TIME	DETAILS
Fri	15/Sept	8pm	General meeting Noise bridge Demo Postponed .
Fri	22/Sept	7pm	Pub Night at the Pakenham Inn
Fri	06/Oct	8pm	Prac night
Fri	20/Oct	8pm	General Meeting and prep for JOTA
Sat	21/Oct	12noon	JOTA .
Fri	03/Nov	8pm	Prac Night and equipment calibration
Fri	17/Nov	8pm	General Meeting and CPR Demo
Sat	02/Dec	12noon	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.

AOCP EXAMS

The next Radio exams are scheduled for **Saturday October the 14th at 1pm**. As usual the venue is at 6 Bayview Road Tooradin 3980. The closing date for application is **SEPTEMBER 29th**.

Costs: AOCP / NAOCP THEORY	\$25.00
5WPM & 10WPM Receiving	\$25.00
REGULATIONS	\$20.00
5WPM & 10WPM Sending	\$20.00

Contact : Peter Pavey VK3VB on (03) 5998 3533
PO Box 7 Tooradin Vic 3980

NB : There will be no further exams this year.
Exams will commence again in FEBRUARY 2001.



Gory Details ...

NOISE BRIDGE DEMO

POSTPONED

The noise bridge demonstration that was scheduled for this Friday night has been postponed. Ian VK3BUF will be available on that night.

(However, I am sure that something equally as interesting, will be arranged instead. Ed)



PUB NIGHT

On **Friday the 22nd of September** we will be having a **Pub Night at the Pakenham Inn** on the Princess Hwy in Pakenham, (next to Mc Donald's). Bookings are essential. Phone Helmut VK3DHI on 5941 4 059.

JOTA

On **Saturday the 21st of October** the GGREC will be participating, with the Cranbourne Girl Guides, in the **Jamboree Of 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. **A sign up sheet will be available at the September Meeting.**

POPULAR RIG MICROPHONE WIRING DIAGRAMS

This interesting site has microphones socket wiring connections for all the popular amateur rigs. It is particularly useful for packet radio fans. Check out the web site at:

<http://freeweb.pdq.net/medcalf/ztx/wire/index.html>

(information supplied by Russell White, VK3MWR)

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. Bruno VK3BFT is our net controller this month. The next net nights will be, Sunday the 24th of September the 8th of October and the 22nd of October.

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.

There will be a sign up sheet at the next Club meeting. A rough idea of the numbers attending will help us to choose an appropriate venue, for a dinner on the Saturday night.

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 Taibot 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.



This is some fish at the aquarium....Photo by Paul VK3TGX

IMPRESSIONS OF THE AQUARIUM (OR A FISHY TALE!!!!)

With a great deal of trepidation we ventured to Melbourne to take in the scenery of the Melbourne Aquarium. I am not sure whether the trepidation centred on my inherent fear of big things that swim in the ocean and have lots of sharp teeth or the fact that the aquarium had been the recent "killing fields" of Melbourne.

Parking at the Arts Centre was easy, coming along the pay for view; oops I mean City Slink ummmm Link certainly makes life a lot easier. Its amazing how many people will join a queue rather than pay a little bit for the privilege of having the road almost to ones self along the Yarra!!! As we got close to the City Centre my ICOM 22A suddenly started emitting strange high pitched growling noises. Geez, I thought, here is my chance I can now confirm that the Martian Invasion has started and they are jamming our communications, or perhaps the police were practicing for the Olympics, or even better some really excited patrons of Madame Knockmeoff at the local massage parlour had managed to get their voices out in the form of radio waves, either way I can sell my story to the press. However, I was disappointed to learn that the strange squeals were not emanating from the local "knock shop" but rather mundane pager interference, you would think in this day and age that interference would be eliminated wouldn't you???? Well, perhaps that is wishful thinking!!!!

Anyway, back to the real reason for this story, now what was it??? Oh yes the aquarium..what a marvel of engineering that is. How they manage to take the almost solid brown water out of the Yarra and make it clear and get saltwater fish to swim around in it is absolutely beyond me.

We all met at the appointed time (2pm), well almost all of us some of us were recovering from walking from the car park and were dawdling a bit! Joining the queue of eager punters we were suddenly recognised for the celebrities we are and a special queue was opened for us (well that's my story and I am sticking too it, perhaps it was that they couldn't stand the sight of us and wanted us in as fast as possible before we put the other patrons off. .) anyway we parted with huge amounts of cash for the privilege of entering the wondrous domain of the fish. Maybe that had something to do with the fact that I look like Kerry Packer and they wanted to make a killing????? Must have been some reason!!

Wandered around the first bend after clearing the moths from my wallet and there they were in all there piscatorial splendour (starting to sound like Rex Hunt now!), a very rare species of fish the FlatHeadidus Humanas, you guessed it folks when I got accustomed to the light all I could see was the backs of other peoples heads and Rebekah complained about the Kneecapitus Sole!!!! Anyway being as big and ugly as I am we finally got to the front and did get too see some real fish at least I think they were fish....hmmm well I will take their word for it!

Lots of colour and interest was experienced along the way, and the fish weren't bad either (did I forget to tell you the wife was working....sorry about that!) We got to see fish being fed, fish being patted, two very brave clowns oops I mean divers got in the tank with some very mean looking sharks and hand fed them.....I forgot to count all their fingers did anybody look?????

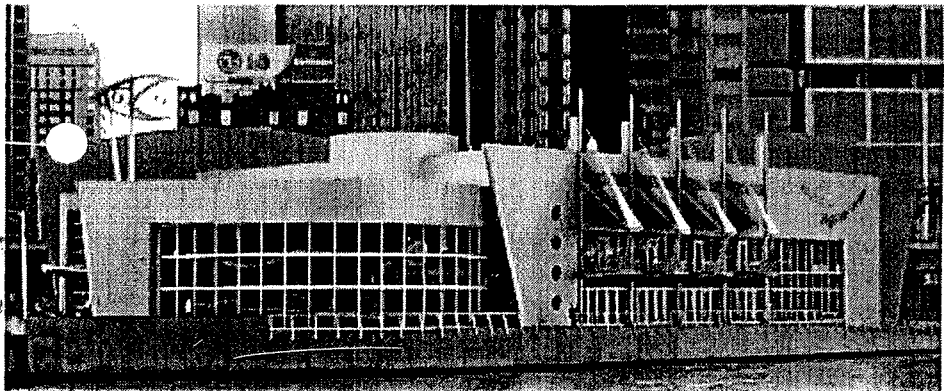
All in all it was a good outing, very educational for children and well presented, but after a while there are only so many fish bellies you can look at and those shark teeth still give me the willies!!!!

After a couple of hours of wandering we all met up for a cuppa after and managed to pay off half the aquarium debt by buying a cake and coffee. I don't remember asking for a gold p. ed muffin but I must have! VK3DHI and Dorothy, VK3ARV and myself (VK3HFA) and Rebekah then went for a stroll along the river and Dorothy introduced us to the delights of the foyer of the casino with its choreographed fountains and light show (to music). I have to say that this is well worth the look and guess what....its free!!!

If you have never been to the aquarium don't let me put you off, I did actually enjoy the whole outing, pleasant company, pleasant learning experience for my daughter, and if you compare prices with similar attractions its about the same. All in all it was a great club day out which got better with dinner at the German Club I believe, unfortunately I couldn't make it there but I am assured good food and good fellowship was had by all.

P.S. Are you sure that its pager interference and not spurious emissions from the pay for play joint???? We could make the club a lot of money!!!!!!

By Andrew Clinkaberry VK3HFA.



THE NEW MELBOURNE AQUARIUM (that Andrew helped pay for)

ATV TRIAL COMPLETED

(Outcome not subject to appeal)

Last Saturday Peter Woodland VK3ZPW, Paul Stubbs VK3TGX and myself Ian VK3BUF went mobile on 70cm to see if a viable path could be found between the Guide hall in Cranbourne and the Jells Park Scout hall in Frankston, some 12½ km away. The idea was to see if an ATV link could be established for the upcoming Jamboree on the Air. We took the two Club ATV transmitters for a drive and gave it a good try between the two sites. At the Clubroom end we substituted the coax on the 70cm beam with a run of LDF450. (the existing RG213 run up the Club's tower was stuffed, with 5W going into the cable, zero watts came out) All tests were carried out on our much threatened 426 MHz.



At the Frankston end we used a 17 element horizontal beam with circular elements, 8 metres up on the mobile mast. The ATV transmitter and monitor operated under inverter power inside the van. The X20 zoom tilt/pan camera was mounted on the roof rack, so we could pan around and transmit while driving.

Unfortunately the terrain beat us and signals at the Scout hall were dreadful. With the Guide hall at 60metres above sea level, the Scout hall was at 30metres and the Langwarrin/Karingal ridge in between rose to 80 metres. We moved to another higher spot nearby, the car park of the Jubilee Park Swimming Centre and were able to

exchange noisy pictures. (Yes Paul, that blob is a tree) The weather was dreary, with occasional showers drenching the landscape, which is never a good thing for UHF. Still, it was an interesting trial and we could ill afford to fiddle around while Jota is underway, so there were no regrets here. We shall have to stick to HF and VHF, perhaps with some slow scan TV as compensation.

Many thanks to Paul and Peter for spending their day on the test, and to Graeme VK3XTA and David VK3XMF who looked in at the hall to give their moral support.

**AUSTRALIAN LADIES' AMATEUR RADIO ASSOCIATION
(ALARA) AWARD**

This **YL Award** is available to YLs, OMs, and SWLs contacting ALARA members on or after 30th June, 1975, as follows :

VK/ZL: 10 contacts, including 5 Aust. call areas.

DX: 5 contacts, including 4 Aust. call areas.

All contacts must be made from the same Call Area. Repeater contacts and official ALARA Net contacts do NOT qualify. Special endorsements available for Mixed, CW, Phone, All 28 Mhz etc. Endorsement stickers available for each 10 (DX - 5) additional members contacted.

Applicants must submit a log extract certified correct and signed by two other amateurs, under the following headings - Date, Time, UTC, Band, Mode, Callsign and Name of ALARA member contacted, Report Sent and Received. In lieu of certification, QSL cards must be forwarded. Full name, address, signature and callsign of applicant are required.

Fee (to accompany application) : 3 Australian dollars (or equivalent) or 4 IRCs. Additional stickers applied for at a later date cost \$1 Australian per application.

Applications to ALARA Awards Custodian :

Jean Shaw, 10 Huntingfield Drive,
Hoppers Crossing VIC 3029, Australia.

CRANBOURNE IS TO MAKE A BID FOR THE 2008 OLYMPIC GAMES

In order to increase the likelihood that the successful bidders will win at least some medals, the competition has been somewhat modified. However, fierce competition is expected from rival areas such as Dandenong, Frankston, Broadmeadows, Thomastown and Sunbury etc.

OPENING CEREMONY

The Olympic flame will be ignited by a petrol bomb thrown by a native of the City wearing traditional flannelette shirt, jeans and moccasins with his defacto wearing the traditional floral leggings and short top with oversized stomach and fat backside

THE EVENTS....

100 METRE SPRINT

Competitors will have to hold a VCR under one arm and a microwave under the other and on the sound of the starting pistol a Police Dog will be released 10 meters behind the athletes.

100 METRE HURDLES

As above with the added obstacles, car bonnets, hedges, garden fences and walls.

HAMMER THROW

Competitors in this event may choose the type of hammer they wish to use (claw, sledge etc.) The winner will be the one who can cause the most grievous bodily harm to members of the public within the time frame allowed

SHOOTING EVENTS

A strong challenge is expected from the men in this event. The first target will be a moving police vehicle, the second targets will consist of running Bank Tellers, Video Store Attendant and 24-hour Service Station Attendants.

BOXING

Entry to the boxing will be restricted to husband and wife teams and will take place on Friday Night. The husband will be given 15 pots of VB at the local pub followed by a quick peek in a lap-dancing venue. The wife will be told not to make him any dinner when he goes home. She will be wearing bike pants, boob tube and thongs.

CYCLING

The competitor will attend the nominated City skateboard area where they will obtain a bicycle stolen from a Scotch College or Mentone Bays Grammar student. They then will be racing against the clock- Bonus points will be awarded should a helmet be obtained at time of theft.

MODERN PENTATHLON

Amended to include Robbery with Violence, Burglary, Unlawful Use of a Motor Vehicle, Arson and Wilful Exposure.

MEN'S 50km WALK

Unfortunately this event will have to be cancelled, as organisers cannot guarantee the safety of anyone walking the streets of Cranbourne.

GYMNASTICS

The traditional 4-inch beam will be replaced by the strip of gutter outside the Cranbourne Hotel. This event will commence at closing time. We expect some extremely difficult dismounts to be performed on the apparatus. The floor routines will be held directly after this event at the Cranbourne Police Watch house.

CLOSING CEREMONY

Entertainment will include local artists well known within the area. The Olympic flame will be extinguished by the same local identities urinating from the local spire in a cascading effect. The stadium will then be boarded up before local athletes and entertainers break into it and remove all copper piping, light fittings and air conditioners.

DIAGNOSIS

A young doctor had moved out to a small community to replace a doctor who was retiring. The older gent suggested the young one accompany him on his rounds so the community could become used to a new doctor.

At the first house a woman complained, "I've been a little sick to my stomach." The older doctor said, "Well, you've probably been overdoing the fresh fruit. Why not cut back on the amount you've been eating and see if that does the trick?"

As they left the younger man said, "You didn't even examine that woman. How'd you come to your diagnosis so quickly?"

"I didn't have to. You noticed I dropped my stethoscope on the floor in there? When I bent over to pick it up, I noticed a half dozen banana peels in the trash. That was what was probably making her sick."

"Huh," the younger doctor said, "Pretty clever. I think I'll try that at the next house."

Arriving at the next house, they spent several minutes talking with an elderly woman. She complained that she just didn't have the energy she once did. "I'm feeling terribly run down lately."

"You've probably been doing too much work for the church," the younger doctor told her. "Perhaps you should cut back a bit and see if that helps."

As they left, the elder doc said, "Your diagnosis is almost certainly correct, but how did you arrive at it?"

"Well, just like you at the last house. I dropped my stethoscope. When I bent down to retrieve it, I noticed the preacher under the bed."

J&A FREEMAN CRYSTALS ARE NOW TRADING AGAIN

By John L. Wickham VK3ZK

Some time ago, J&A Freeman ceased dealing in quartz crystals. They are now back in operation, and are charging **\$15.00** per crystal, plus **\$5.00** postage.

For many years J&A Freeman Crystals had provided an excellent service to amateurs for their crystal locked needs. Its good to see that its still worthwhile to hang on to those old mobile rigs, at least they don't cop pager interference like the newer PLL stuff does. (Andrew's IC 22A excepted)

For further details, please see John Wickham

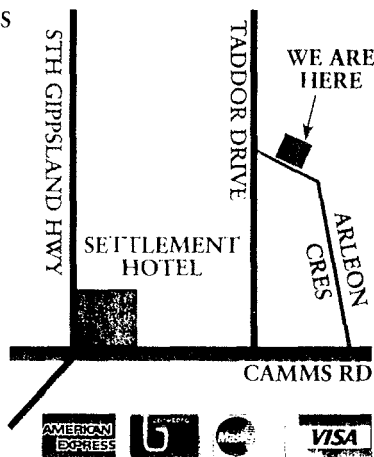
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GRAHAM VK3KCS

Gippsland Gate Radio and Electronics Club Inc.
GENERAL MEETING MINUTES

Date : 18/8/00 **Start :** 2000hrs

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

Present : As per attendance sheet **Visitors/Guests :** Eric Jackson (Corowa)

Apologies : Albert VK3BQO, Peter VK3VB, Pat VK3OZ, Bruce VK3ZMR

Correspondence received : EMDRC Newsletter, Northern Suburbs Newsletter, FAMPARC News, Amateur Radio, Various emails

Correspondence Out : Rob Harris, ICOM, NNG Fire Brigade

Treasurers Report : Read by :Mike VK3KTO Moved by : Mike VK3KTO Seconded by : Helmut VK3DHI Carried

Income : \$1425.00 **Expenditure :** \$798.17 **Balance :** \$6598.76

Previous Minutes : Moved : Ivan VK3ARV **Seconded :** Max VK3TMK Carried
Business Arising :

1. Thanks to all from the president for their help at Trash and Treasure
2. Power supplies all seem to be under control at this stage.
3. Thanks to Reg VK3UK for all the notes from the previous years T&T Sale.
4. Russell VK3MWR volunteered to co-ordinate next years sale.
5. Helmut VK3DHI once again put his hand up to organise the food..
6. There is a caravan park available at Daisy Hill for the weekend away in November.
7. There are now sheets to fill out for all Social Events. Please make sure you put your names down.

General Business :

1. QSL Bureau forms are available from Mike VK3KTO
2. Request for a letter to be sent to the pool(YMCA) thanking them for the use of the tables on T&T day.
3. The following took part in the RD contest : KTO, YB, XDR, TGX and ZBN
4. A suggestion was received from Phil VK3YB that we hold a RD contest night, Bruno VK3BFT to contact Phil and organise same.
5. Helmut VK3DHI will once again hold a New Years Eve party at his residence
6. Volunteer needed to host the Christmas Party (December 2nd)
7. JOTA preliminary information : QSL Cards, Hand Held Radios, Camera on antenna mast, Internet, Photos are OK, ? Mayor to attend, local paper involvement if possible.
8. **Bendigo weekend away :** January
9. Ascot Holiday park : Cabin \$65 or \$51, Powered \$20.35, \$15.40 plus extra for kids
10. Phone 5448 4421 Fax 5448 3162 or 1800 062 340
11. Membership listing we need your current email address
12. Keep an eye on the event queue and make sure you book.
13. Certificate of appreciation went to Graham VK3KCS for his donations for door prizes.
14. ATV to be transmitted from scouts at Frankston during JOTA ...VK3BUF organising.
15. Notice is available to put in local libraries.

Guest Speaker : Mike VK3KTO presented a 16mm film of the 1956 Olympic Games.

Next meeting : 15th September 2000 **Meeting Closed :** 2035 hours.

GGREC
P.O. BOX 1098
CRANBOURNE

