

C:\WINDOWS

CLASHDRV.EXE	COOLBOX.BMP	SECRETOR.SCR	TABLET.BMP	TERMINAL.EXE
CLIPFILE.HLP				CLIPED.EXE
CONTROL.EXE				CINEMA6.INI
FILED11.EXE				WINVER.EXE
CLARIC.INI				CONTROL.INI
CONF.GRP	NOCCESOR.GRP	GMDS.CBP	STARTUP.GRP	APPLIC1.GRP
GENIC.PIF	ED11.PIF	WINFILE.1	BOGAPP.INI	ENTPACK.INI
EXCHLBR.INI	EXCEL4.INI	EXCEL.SLB	FILEM6.INI	TODO.PIF
FOOTCOL.INI	INDEX.INI	WINWIN.V31	SYSTEM.V31	256COLOR.BMP
WINHELP.EXE	EMW3CC.EXE	RED.EXE	PINE.WAP	NET1.INI
CHECKE.PIF	REDW4E.PIF	JUREDO6.INI	SYSTEM.INI	LEPLCBL.INI
HOUSE.INI	CHILIST.BC	APPCSETU.GRP	WPLAYER.INI	BOMB.WAP
REGCH.INI	RED.INI	REDRAW.INI	REDRAWP.INI	REDRAWK.INI
REDTCDOS.INI	REDHRCZE.WAP	LITCROPE.WAP	SHUTTLE.BMP	THUNDER.WAP
SCRSCH1.INI	MRP.INI	WICKR.TIB	WDRCHUP.INI	WINVER.LOC
WORTON.PIF	WAP.GRP	WDRG.GRP	WDRG.INI	WDRG.V31
RE.INI				DR.CBP
COL.INI				DR.HCC
EMWIN.DL				DR.253
SYSTEMP1.INI	TIMECC.HCC	WDRG.GRP	WDRG.HCC	WDRG.INI
VIEWER.INI	SYSTEM.OLD	WIK.BMP	SYSTEM.INI	TRMTRNL.DLL
POWERUP.DLL	TOHNEADR.SLS	WDRG1.INI	WDRG1.OZ.QCC	SYSTEM.GOU

The Official Journal of The Gippsland
Gate Radio and Electronics Club Inc.

Press any key to continue

October 1996

Gippsland Gate Radio and Electronics Club Inc.

Club Meetings are held on the third Friday of each month
at the Cranbourne Girl Guide Hall in Grant Street.
The doors open at 8:15 PM & the meeting commences at 8:30 PM.

Visitors are most welcome.

Committee Members 1996/1997

President	Ian Jackson	VK3BUF
Secretary	Ivan Blezard	VK3ARV
Treasurer	Paul Ash	VK3HSA
Event Queue Co-ord.	Helmut Inhoven	VK3DHI
Social Co-ordinator	Reg Goddard	VK3UK
Magazine Editors &	David Campbell	VK3XMF
Printing and Dispatch	Cathie West	Ph. (03) 9789 6401

Deadlines for articles is Thursday week prior to the Meeting.

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

Current GGREC Inc Membership Fee Schedule

Full Member \$25.00, Pensioner Member \$12.50

Junior Member \$12.50, Extra Family Member \$7.50

Fees due after each April Annual General Meeting.

Notes From The Editor

Well, thanks again Helmut for the Event Queue and the two adverts for the Eildon Weekend and Film night - sorry no room this month for the Propagation graphs - the AR magazine has these if anyone is interested. Ivan has also provided the minutes of the last official General meeting this month - thanks. Also Mr President continues to do his job by providing his Pres. report as well as this months Centrefold! Take a look at it - thanks Ian.

Now just an observation from your Editor regarding how the hall is packed up at the end of each meeting. If you've been there towards the end of the night you notice that most of the chairs have been stacked away but that's about it. The coffee, tea, biscuits etc is still lying around with the cups in the kitchen. The white board and trestle tables likewise need to be put back. Just a request that we don't leave it up to the person who has the keys to the hall to do all the work at the end of each night.

On a lighter note Cathie and I might not make it to any of the up and coming events due to the imminent arrival of our second child which is due at the end of this month. So you might not have a chance to throw anything my way until I see you next.

Catch you next mag. . David & Cathie

THE PRESIDENTS REPORT

We had a good turnout at our Internet night at the last meeting. One is left with the impression that we could well spend the balance of a lifetime just exploring new web sites. The volume and diversity of information on the Internet is enormous. What I find most daunting is that the sheer complexity of the network is larger than a single brain can conceive. (Well my single brain anyway) Browsing around the different sites, viewing snippets of information is like trying to examine a large building being constructed by looking through chinks in the fence, you can only get to see a little bit at a time. Many thanks go to Tom, VK3DTW for bringing along the equipment to make it happen. Should anyone wish to sign up with the service provider that Tom was using (Netspace Online Systems) give me a call and I will pass on one of their application forms.

While we are on the subject of guest speakers, I feel obliged to give a big **Shhh!** to our audience. We appreciate that meeting nights are a great forum to catch up with friends not seen in a week or two, but I would like to discourage a lot of the background chatter that takes place when speakers are speaking. It makes life difficult for guests when they have to talk over other conversations and can frustrate others who want to hear what is going down. This is not a request for stony silence, I just ask that you hold back until coffee time.

JOTA (Jamboree on the Air) is upon us this Saturday and we are on the bot for operators. We will need people from around 11:30 Sat. Morning until 2:00am Sunday morning. Please call me on 9776 5000 if you are able to help out for a few hours. I would like to know in advance so that I can spread the load a bit. There is no advantage in having fifteen operators from 12:00 to 3:00, and none thereafter. It means a lot to the Guides, so please help if you can. We have borrowed two video transmitters so we are looking forward to a live two-way link up between the Guide Hall and the Police Paddocks Scout Camp.

This is the last mag before our Trip to Eildon, so charge your nicads and polish your billy for the most fun you can have with a microphone and a tent. I believe that more information on this grouse excursion will be elsewhere in the mag.

Our radio classes are now over and our students have made good progress. If you didn't get there on the first pass, keep trying. I wont descend to quoting daggy cliché's such as fat ladies singing, but I do urge persistence. I hope to provide opportunities in the near future for more revision and exam sessions. Remember, in the words of a certain VK4 amateur, 'nothing succeeds like a bird with no beak'.

A big congrats is in order to Melinda Ash for having passed her tests for the Novice Limited. Now Melinda can check up on Paul during his play rehearsals. (I hear that he scored a lead role in a play about an infatuated inductor in a show titled 'The Sentimental Choke')

See you this Friday night at the movies. **DE, Ian VK3BUF**

EVENT - QUEUE 10/96

Information supplied by Helmut VK3DHI

FRIDAY 18.10.96	08.15 PM CLUB MEETING
	MIKE VK3KTO SHOWS 16 MM FILMS
SATURDAY 19.10.96	12.00 NOON JOTA 1996 AT THE GUIDE HALL
SUNDAY 27.10.96	11.00 PM BALLARAT HAMVENTION

SATURDAY 02-05.11.96	CUP DAY CLUB WEEKEND TO LAKE EILDON
MONDAY 04.11.96	08.00 PM COMMITTEE MEETING
FRIDAY 15.11.96	08.15 PM CLUB MEETING (Last General Meeting for 1996) TALK ON "YACHTING AND RADIO"

SATURDAY 14.12.96	02.00 PM GGREC CHRISTMAS BREAK-UP (LOCATION TO BE DETERMINED)
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MONDAY 06.01.97	8.00 PM COMMITTEE MEETING
FRIDAY 17.01.97	8.15 PM CLUB MEETING (General Meeting)
SATURDAY 25.01.97	TBA AUSTRALIA DAY WEEKEND

CUP -WEEKEND

SATURDAY 2nd NOVEMBER 1996

The GGREC is on the move again,
this time camping at Lake Eildon

The camping ground is accessible from
Goughs Bay and we will camp somewhere
between Sheep Dip Flat and Blue Gum Flat.

Stop Press:

**Congratulations to Melinda Ash on obtaining
her Novice Limited License. You can hear her
on the air as VK3HRJ (Is that Colin Junior?)**



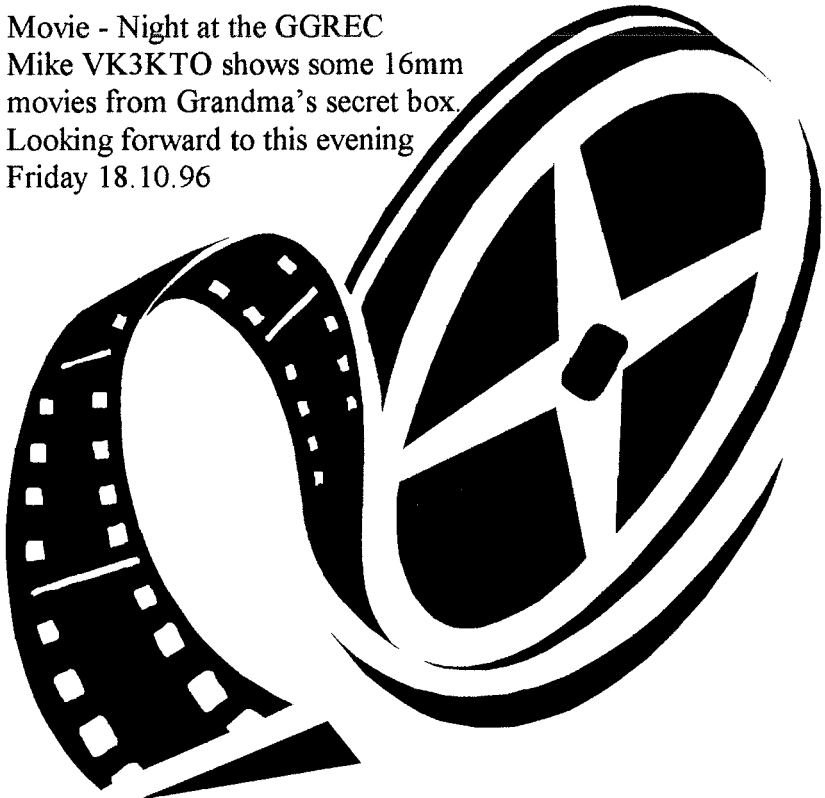
Put this in your Diary



**GGREC Christmas Party
Saturday 14th December 1996**

Watch this space for the location and time
in the next magazine.

Movie - Night at the GGREC
Mike VK3KTO shows some 16mm
movies from Grandma's secret box.
Looking forward to this evening
Friday 18.10.96



MELBOURNE CUP WEEKEND 1996 FIELD WEEKEND AT LAKE EILDON

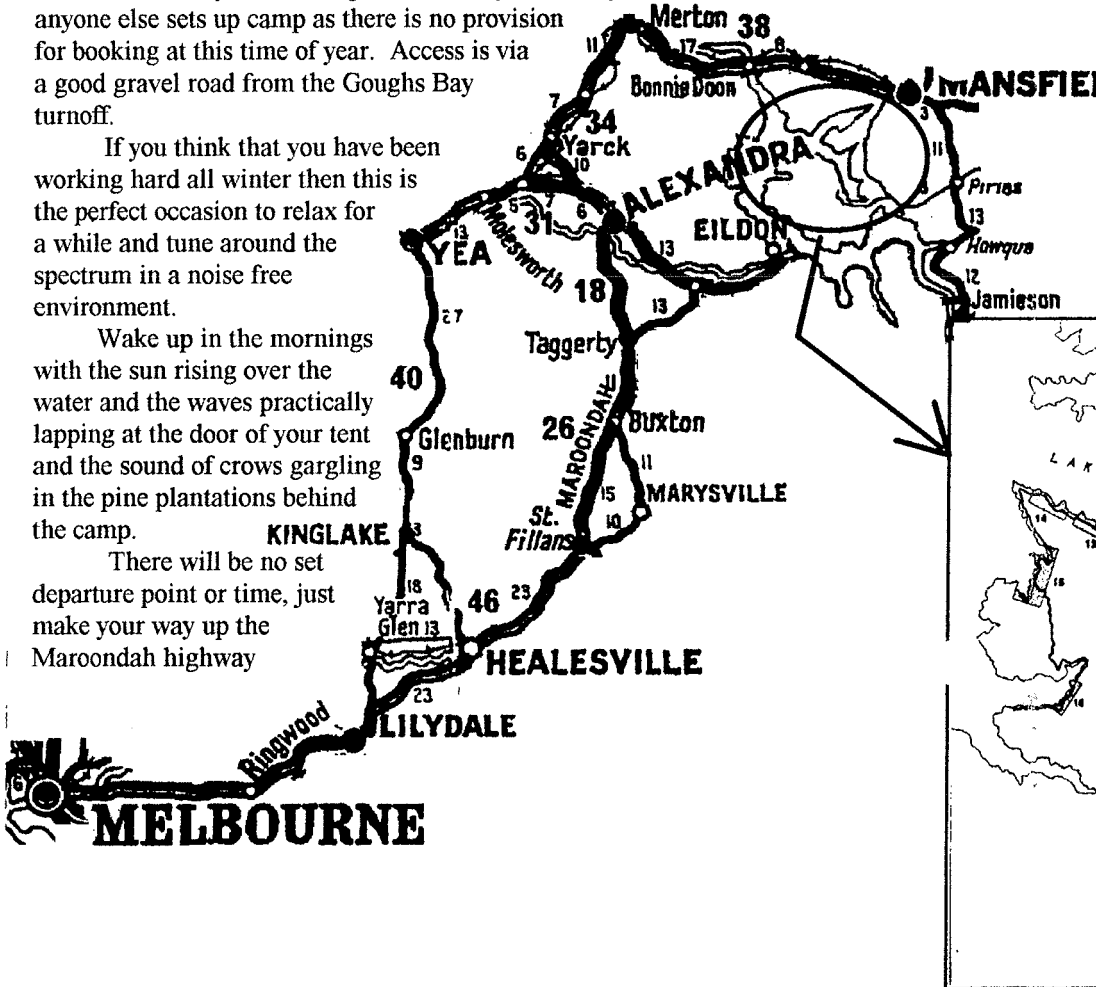
From Saturday the 2nd of November to Tuesday the 5th many GGREC members will embark for a long weekend away on the shores of lake Eildon. In the Delatite Arm Reserve there are a string of camping spots. We hope to stay at Sheep Dip Flat as shown on the map. There are some toilet facilities there but no running water, so bring everything that you think you may need. We shall take the Club 12 x 24' tent as a communal room and shall string up a few antennas.

Some may be arriving on Thursday or Friday in order to stake claim before anyone else sets up camp as there is no provision for booking at this time of year. Access is via a good gravel road from the Goughs Bay turnoff.

If you think that you have been working hard all winter then this is the perfect occasion to relax for a while and tune around the spectrum in a noise free environment.

Wake up in the mornings with the sun rising over the water and the waves practically lapping at the door of your tent and the sound of crows gargling in the pine plantations behind the camp.

There will be no set departure point or time, just make your way up the Maroondah highway



MELBOURNE

via Healesville and Alexandra, or via the Melba highway through Yarra Glen and Yea. Continue on through Yarck and Merton towards Mansfield. Just a few kilometres before Mansfield there is a turn off to the south towards Piries and Goughs bay. About one kilometre before Goughs Bay there is a right hand fork that takes you into the reserve and along the shoreline of the Delatite arm. Our camp will most likely be the second or third camping area along the shoreline.

As you near the site there will be a call-in on 146.225 to help you find your way. The last time the GGREC visited this place as a group was in 1980, and an excellent time was had by all.

A couple of rules govern the reserve. No Camp should be within 20 metres of the waterline. Open (solid fuel) fires may be prohibited at this time of the year, though this still needs to be confirmed. A Ranger will come around each day to collect a camping fee.

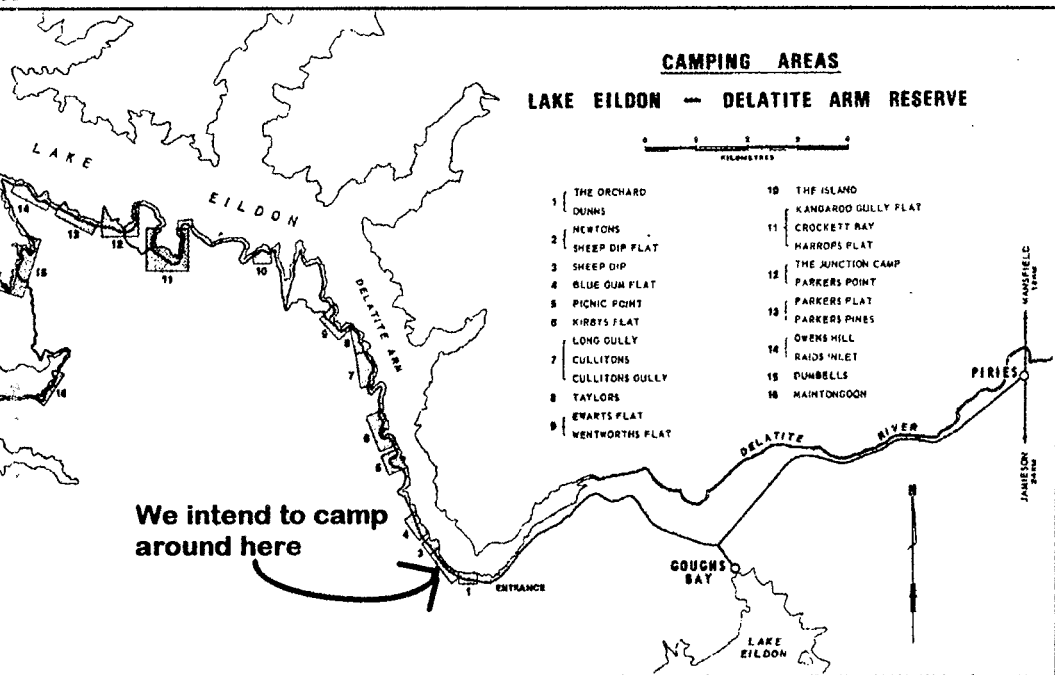
There are many tracks and trails in the region that are worthy of investigation by foot or by road. As we have had a fairly damp Spring, I suggest that a can of insect repellent may be in order.

A hike to top of the ridges above the camp area yields a magnificent view of the lake for many kilometres, so be sure to bring binoculars and cameras.

Goughs bay and Piries are only a few kilometres away and some supplies are available there.

SEE YOU THERE!

erson



Brain Teasers?

What class of amplifier is a Linear amplifier?

What is the typical efficiency of a Class B amp?

Name the electrodes in the following valve types: Diode, Triode, Tetrode and Pentode.

What is the formula for calculating the resonant frequency of a tuned circuit where the capacitance and inductance is known?

What kind of feedback can cause an amplifier to oscillate?

Name four common types of the Piezoelectric effect.

What is the key element that identifies a Hartley Oscillator?

What is the key element that identifies a Colpitts Oscillator?

What is the key element that identifies a Pierce Oscillator?

What do the abbreviations VFO, VXO, PLL and Overtone mean?

What is the difference between AM and FM?

What are the advantages of FM over AM?

What are the advantages of SSB over AM?

Define the terms: Carrier, Deviation and Over-modulation.

What frequencies will be present at the output of the mixer when 5.5 Mhz and 6 Mhz are fed to the input?

Why is it that the final stages in an AM transmitter *MUST* operate in Class A mode when the final amplifier in an FM transmitter can operate in Class C?

Draw conventional AM modulation waves for: 50%, 100% and Over 100% modulation.

Draw the same levels of modulation as in the above question, but as they would appear on a Trapezoidal Waveform monitor.

Why do curly cords on microphones *always* get so damned *tangled*?

What type of microphone would be most suitable for mobile use?

What type of microphone has the *widest* frequency response?

What type of microphone has the *highest* output impedance?

What class of microphone is a rocking armature type?

Define the terms: modulation index, pre-emphasis and de-emphasis.

Where would a two-tone audio oscillator be used?

What is another name for Double Sideband, Full Carrier?

What are the main functions of a Balanced Modulator?

What are the main functions of a Sideband Filter?

What are the main functions of a Buffer Amplifier?

Is it true that Hertz Van-Rental was a Dutch radio pioneer?



Personality Profile Page



Full Name ?

Peter (Don't have a middle name) Vat.

Call Sign ?

VK3KCW

Age ?

Too Old!

When did you first join GGREC ?

1977

What do you like about Amateur Radio ?

(CW - Ha Ha!), Mateship.

What's your favourite band ?

Armband.

What type of antennas do you have ?

2 Metre Yagi and a TH3 Junior.

How tall is your radio tower ?

13.7 Metres.

What do you do for a job ?

S.F.A., Drive, Sell Science & Medical Instruments.

Where do you do it ?

In bed usually! Oh, I do my job all over Australia.

What was your first amateur rig ?

IC701.

What made you become involved in Amateur Radio ?

CB radio wasn't going anywhere.

What's your favourite fast food ?

The Mac!

What's your favourite drink ?

Bundy with a little bit of Coke.

What's the longest time you've ever driven in one go?

24 hours while driving to Townsville, Queensland.

As a child what did you want to be when you grew up ?

An Airforce Pilot. (That explains the way he drives! - Ed.)

What does your family think of Amateur Radio ?

They just tolerate it.

What rig would you buy if I gave you \$10,000.00 ?

Not quite enough for a four-wheel drive.

What's the worst situation you have found yourself in while four-wheel driving?

Early in the 1970's my 4WD was about to roll into an abyss if not for 15 people jumping on to the vehicle to counter balance it!

BLOW UP BLOW UP BLOW UP

Lost your negatives?

*Want to blow up
your photos?*

*Don't know how
to get it done?*

*Well help is
not far away.*

*If you bring us
your COLOUR*

or

*old B&W photographs
we can ENLARGE*

it to A4 size

(app. 8"x10")

and LAMINATE

it for only \$6.00.

We also provide

the following services:

** Full Colour Photocopying
& Enlarging up to A3
(Negatives not Required).*

** Laminating -
Business Cards to Posters.*

** T/Shirts*

** Jigsaws*

** Mugs*

** High Speed*

B & W Photocopying.

** Fax Service.*

** Personalised Calendars*

** Secretarial Service*

** Colour and B & W*

Overhead Transparenc

** Spiral Binding*

PHOTOART

MAGIC

155 SLADEN ST. CRANBOURNE 3977

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General Meeting 20 September 1996

Meeting Commenced: . 8:36 PM

Chairman: Ian VK3BUF.

Minute Taker: Ivan VK3ARV.

Present: 20 As per attendance sheet.

Visitors: Martin VK3JAZ, Phil VK5VB/VK3YB.

Apologies: VK3KCW Peter, VK3HAS Paul, Melinda, VK3EXJ

Ron, Judy, Ian & Val. (Cathie - Ed.)

Correspondence: Wicen, wansarc, EMDRC

Treasurers Report: Read by Not Tabled

Income: . Expenditure: . Balance: .

Previous Minutes: Read by Vk3ARV. Moved VK3UK Sec.. VK3DHI

Carried: Yes

New Call Signs: . Nil

General Business:

It was announced by Ian that Jota is rapidly approaching and for this the club requires many operators, it appears we may be operating until the early hours of Sunday morning thus a roster system will have to be implemented.

It was put forward by Ian that the club has another examiner for future classes avoiding the need to impose on somebody outside of the club.

A recommendation was made by Colin VK3HR it may be an idea to have a suggestion box within the club.

Coming Events.

Yarra River Cruise 12 October

October 4th Tom VK3DTW discuss & demonstrate the internet.

October 18th Movie night provided by Mike VK3KTO.

October 19th Jota.

December 14th Christmas breakup ,venue at this stage has not been decided..

Next Meeting : 18/10/96

Meeting Closed: . 8:56Pm