

(continuing C:\WINDOWS)

CHARTRV.ESE	SCHEMES.BDF	SCCTGRS.SCF	TDRMGR.BDF	TERMINAL.ESE
CHARTPL.BDF				CLIBED.ESE
CONTROL.ESE				CINMGRG.INI
FIXED11.ESE				WIGREN.ESE
CLARK.INI				CONTROL.INI
CHK.CHP	NOCECON.CHP	GMDS.OLD	STARTUP.CHP	APPLIC1.CHP
GENIC.PIF	EDIT.PIF	MINFILE.1	DOCAPP.INI	ENITACH.INI
ENCALIBR.INI	EXCEL4.INI	EXCEL.SLB	FILEMG.INI	TOBO.PIF
FOOTGOLF.INI	VIDEO.INI	MINI.V31	SYSTEM.V31	256COLOR.BDF
WINHELP.ESE	EM386C.ESE	RED.ESE	PIRG.VAR	IGST.INI
CHECK.PIF	RESEGE.PIF	JURDOB.INI	SYSTEM.INI	LEVELCAL.INI
VOICE.INI	CHARIST.BC	APPCETO.CHP	WPLAYER.INI	BOHE.VAR
BSCH.INI	RED.INI	REDMGR.INI	REDMGR.INI	NETINFOE.INI
BUSTCOB.INI	RGBTRCE.VAR	LRICHOPE.VAR	SHUTTLE.BDF	TRUNDER.VAR
CONCERN.INI	WFR.INI	WICER.V31	WOBCHUP.INI	WIKING.LOC
WORMG.PIF	WFR.CHP	WFR.CHP	WFR.CHP	WFR.CHP.V31

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

RE.INI				W.CLF
COL.INI				W.FEG
WARK.DL				.253
SYSTEM1.INI	TIMEOS.MEG	CONTRTEM	CONTRTEM	FRANED.INI
PTNER.INI	SYSTEM.OLD	WIK.BDF	SYSTEM.INI	TRONIGL.DLL
POWERUP.DLL	LOGWDRR.FIC	WIDR11.INI	WIDR11.OZ.QCC	SYSTEM.NOV

Press any key to continue

MAY 1997

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
Committee member	Graham Brennan	VK3KCS
Social Co-ordinator	Reg Goddard	VK3UK

Magazine Editors & Robin Linn VK3TFA
Printing and Dispatch Ph. (059) 79 3110

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 \$30.00, Pensioner Member \$15.00

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

Fees due after each April Annual General Meeting.

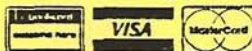
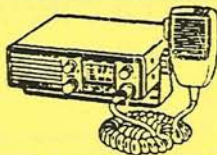
G & C Communications

* Communications Experts
CB & Marine Radios & Accessories
Sales - Installations - Repairs

* Altronics Authorised Dealer
Large Range of Electronic
Components, Hobby Kits & Tools

* Car Sound & Alarms
On Site Installations

19 ARLEON CRS
CRANBOURNE
MELWAYS 133 K1



Shop: (03) 5996 3298

Mobile: 019 952 882

GRAHAM VK3KCS

THE PRESIDENTS REPORT

Yet again, the presidents report is coming to you from a 'portable' location. This month we are camped in the famed Wonnangatta Valley, in the heart of the Victorian high country. With me are my uncle, Ray, my father, Eric and Ivan VK3ARV. When we entered the valley, from the Myrtleford direction, the roads were still pretty slick from the showers of the previous day and we practically slid down a few of the hills. Since then we have had an additional 50mm of rain. We are hoping to be able to leave the valley tomorrow when we must climb up the steep trail to the south which leads to Licola. (Although I must point out that if you are reading this, we must have returned successfully, otherwise I could not have printed this article.)

The fishing has been reasonable, with a few smallish trout taken from the river, it lots of fun has been had in the attempt. The 101E played up a bit last night, I had to unump the top of the set with every transmission to help the PTT relay to click in. When I get back, I will try to wash some of the mud off the pcb's, perhaps that will help.

I would like to thank those Club members who came up on 3.640 MHz, signals have been pretty good all round. HF is the only communications to be had out of the valley and it is reassuring to know that we are not the only people left on the planet.

As of our last meeting, we now have a new committee, which is now pretty much the same as the last one, but with the addition of Graham VK3KCs. We also have a new magazine editor, Robin VK3TFA is giving it a go for a while. If you have any articles to submit, send them to the P.O. box, or Robin, or to myself. Many thanks go to David VK3XMF and Cathie for their editorial work last year.

At the meeting this Friday night we are fortunate enough to have a guest speaker from the Australian Volunteer Coast Guard, to tell us a bit about his job and the sorts of problems that must be overcome on a daily basis. I look forward to seeing a few faces there.

Next Prac Night, which is Friday the 6th of June, we will have a video processing theme. Graem Wheatly VK3XTA will be bringing his photo-CD system along. There will also be a flatbed scanner and colour printer there. If you have some good still photo's that you would like to have converted to bitmap images bring them and a couple of blank disks along.

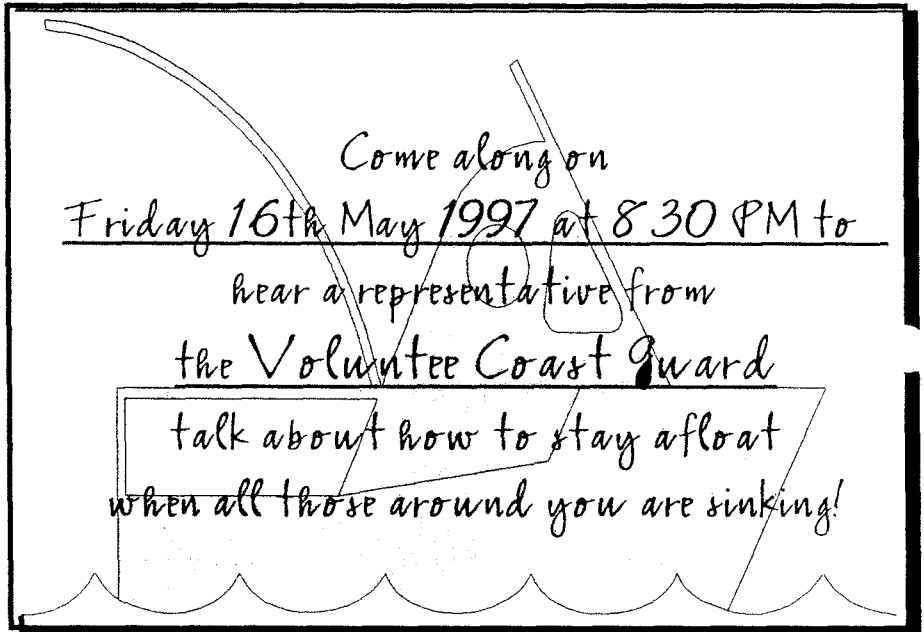
Look out for the advertisement on our White Elephant Sale, which is coming up in July. Contact a committee member if you are thinking of reserving a table for the day.

It is important to note that unless you have renewed your membership, this will be the LAST copy of gateway that you will receive. The new fees are Full Members: \$30, Pensioner/Student/Junior members: \$15 and each Family Member: \$10. See Paul Ash VK3HSA, our Treasurer soon if you want to maintain your Club membership.

Cheers from Ian Jackson, VK3BUF

EVENT QUEUE from MAY 97

FRIDAY	16/05/97	08:15 PM	CLUB MEETING TALK ON AUSTRALIAN VOLUNTEER COAST GUARD
FRIDAY	6/06/97	8:15 PM	PRAC NIGHT. PHOTO IMAGING DEMO
FRIDAY	20/06/97	8:15 PM	REGULAR GENERAL MEETING
FRIDAY	04/07/97		NO PRAC NIGHT!
SATURDAY	12/07/97	6:30 PM	MID YEAR DINNER
SATURDAY	19/7/97	9:00 AM	WHITE ELEPHANT SALE
FRIDAY	01/08/97	8:15 PM	PRAC NIGHT
FRIDAY	15/08/97	8:15 PM	CLUB MEETING



PETER & PAT'S SOUTH AUSTRALIAN ADVENTURE

Pat VK3OZ and Peter VK3VB will be away on holiday from May 16 to June 16. They are travelling to Ceduna via Mildura, Burra, Orroroo, Port Augusta and the Eyre Highway. Their intention is to spend four or five days at Ceduna then slowly work their way along the coast Eastward, stopping off at places of interest, then returning to Adelaide about 11th of June for a few days with Phillip VK5VB and family.

While they are away, they hope to work some GGREC members on the following frequencies and times.

- 10.125 Mhz. and 10.130 Mhz. will be monitored while mobile.

At 10:00 UTC Wednesdays and Sundays..

- Primary freq.: 3.615 +/- QRM 10:00-10:10 UTC
(8:00 to 8:10 pm Melbourne time)
- Secondary freq.: 3.670 +/- QRM 10:11-10:20 UTC
(8:11 to 8:20 pm Melbourne time)



FIRST IMPRESSIONS CAN BE MISLEADING de VK3BUF

When we arrived in Licola on our recent bush trip, I grabbed a can of Coke from the esky, then wandered about the town and complained how the town stank of fish. After a while we hopped in the car and left the town, with me sipping my can of drink. I continued whinging on 225 about the fishy smell and how it would scare all the tourists away. After several minutes had passed, it dawned upon me that source of the odor was my Coke can which much to my regret, had been stored in the esky next to some freshly gutted Trout...

*All members both past and
present are welcome to attend
this years*

Midyear Dinner

which celebrates the

20th Anniversary
of the founding of our Club.

When ... 6:30pm Saturday 12th July 1997

**Where ... The Girl Guide Hall , Grant St
Cranbourne.**

**What to bring ... Main meal, Drink,
Cutlery, Crockery, Humour.**

Club Membership renewals are now due.

Ensure the viability of your Club by paying your membership fees promptly at the **June meeting**.

The benefit to you :-

Guest Speakers, Monthly magazines, Prac nights,
Technical info swap, Field trips, Social events.

Current GGREC Inc Membership Fee Schedule

Full Member \$30.00,
Pensioner Member \$15.00
Junior Member \$15.00,
Extra Family Member \$10.00

Please pay the Treasurer personally or post him a cheque today.

Remember this is the last magazine you will receive until payment is received.



HUMAN TRAFFIC JAMS

We all know about traffic jams in motor vehicles. But traffic jams also happen to humans on foot. One scientist turned a huge football stadium into one of the biggest laboratories in the world, and discovered that you can actually speed up human traffic flow by installing barriers!

Being in a crowd can change what you, as an individual, would normally do. Jean Cocteau, the French author and filmmaker, once wrote: 'If it has to choose who is to be crucified, the crowd will always save Barabbas.' And Virginia Woolf, the British novelist, wrote in her book *A Room of One's Own*: 'Great bodies of people are never responsible for what they do.'

Crowds can do terrible things, like riot, or lynch people. In April 1989, an awful crowd disaster happened in the United Kingdom at Hillsborough Stadium, when 96 people died in a crush after a gate was opened.

Certainly, dictatorships seem to love crowds. In Beijing in China, Tiananmen Square with its 40 hectares, or 400,000 square metres, can easily hold a million people. And Hitler planned to

build a square in Berlin that could also hold a million people.

But crowds can also uplift the spirit. Many people love the feeling they get from being in a large crowd of fun-runners, like the 'City to Surf' crowd. Others have said that they were noticeably changed for the better by being a part of a religious crowd, such as in a Papal Visit or a Billy Graham Crusade. Every year, about 1.7 million Muslims do the pilgrimage to Mecca, to gather in the grounds of the Great Mosque. And the greatest crowd ever assembled occurred in 1989, to celebrate the Hindu Festival of Kumbh-mela, when 15 million people gathered at the junction of the Ganges and Yamuna Rivers.

Back in 1992, Keith Still was part of a huge crowd of some 70,000 people trying to get into Wembley Stadium for an Aids Awareness Concert. That's a big crowd. It weighs about 4,500 tonnes and, during a typical 90-minute concert, will breathe in 44 million litres of air. He was waiting to get into an entrance. He suddenly realised that the small part of the crowd that he could see was moving

This article is an extract from Dr. Karl Kruszelnicki's new book: Pigeon Poo, The Universe & Car Paint

in a strange way. The people at the centre of the entrance, who supposedly had a lot of free space in front of them, were moving slowly, while the people at the sides of the entrance were moving much faster — exactly the opposite of what you might expect.

Keith Still started thinking about this, and tried to simulate the behaviour of crowds inside his home computer. But one of the simulations looked like real crowds. One day, at a cricket match, he noticed that 'each player took his cue from the bowler, and modified his stance accordingly'. In other words, the people in a crowd are not all independent, but react to each other.

He then came up with his two simple Rules of Crowds: (1) if the space ahead is free, move into it; and (2) if it's not free, then wait. Suddenly, his computer simulations began to work.

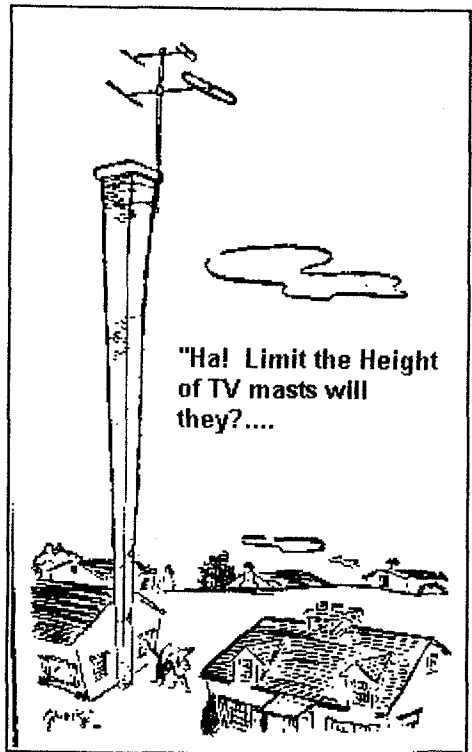
Back in 1994, he began analysing enormous crowds at Wembley Stadium, beginning with the FA Cup Final. Not only did he study the video tapes from 48 cameras around the stadium, he even perched on top of the entrance gates. He has now written a computer program that accurately simulates crowd behaviour — and it works for any crowd, whether it's there to see sport, popular music or ballet. For example, his program predicted that it would take 14 minutes and 30 seconds for a crowd of 20,000 to leave Wembley — and in real life, it took 15 minutes!

At entrance gates, most people head for the centre, and a traffic jam

happens. Even though there's more room, nobody moves. But there are not so many people at the sides, even though there's less room, so the people move through faster.

A line of moving people gathers momentum, so sometimes repeatable patterns of behaviour happen in the crowd. Keith Still's computer program showed that if you place a long railing down the centre of an entrance gate, the crowd flow will go up by 25 per cent — and that's exactly what happened in real life when they installed the railings.

As our population increases, there will be more crowds — and computers will be there to help us!



GGREC White Elephant Sale

Saturday 19th July 1997

**This will be held at the Guide Hall
in Grant Street, Cranbourne.
Mel. Ref 133 J6**



**The doors open for Sellers to set up at 7:30 am.
\$10.00 a table, \$5.00 a half table.**

**The doors open for Buyers at 9:00 am.
Entrance fee \$2.00**

**For bookings or further information, please contact:
Ian Jackson VK3BUF 03 9776 5000**

General Meeting 18 April 97

Meeting Commenced: .8:30 PM

Chairman: Ian VK3BUF.

Minute Taker: Ivan VK3ARV.

Present: 31 As per attendance sheet.

Visitors: Nil.

Apologies: VK3KCW Peter, ,Ian & Val.,Naree,VK3KMN.Cathie.

Correspondence: Wansarc, EMDRC ,Letter from Girl Guides, Renewal notice for club radio licence.

Treasurers Report: details not available at A G M, a full report will be published, after (annual audit in next months mag.

Previous Minutes: Circulated.. Moved Bobbie Sec.. VK3KCS Carried: Yes

New Call Signs: Nil

Business Arising from Previous Minutes:

The Williamstown Railway Museum visit was a great day, enjoyed by those who attended.

A talk by a representative from the Volunteer Coast Guard is scheduled for this meeting and should prove very interesting, Don't miss out!

The portable masts have been completed and collected, many thanks go to Ian VK3BUF,these will be a invaluable addition to our radio equipment when operating in the field.

General business.

Many thanks go to Dave VK3XMF and Cathie for their production of the club magazine this past year, a task well done which is appreciated by all members thanks again Dave & Cathie.

It was put to the members by Ian VK3BUF that the annual club fees be increased mainly due to the increase in the hiring of the hall, the motion was moved by Ian and carried by all. The new fees as of the 18/4/97 are pensioners \$15, family \$10, full members \$30.

. Meeting closed.....9pm.