

MS-DOS Prompt

(continuing C:\WINDOWS)

CHARM.DRV .EXE	CGOBIOS.BAT	CGOBIOS.SCR	LOGON.BAT	TERMINAL.EXE			
CHKFILE.GIF	GATEWAY			CLIPBRD.EXE			
CONTROL.EXE				CIPHER32.INI			
FIFED11.EXE				WINVIBL.EXE			
CLARIS.INI				CONTROL.INI			
MAIL.GRP				ACCESSOR.GRP	GAME.GRP	STARTUP.GRP	APPLIC1.GRP
QBASIC.PIF				EDIT.PIF	WINGFILE.1	POSGPP.INI	BSIPACK.INI
ENCLIBR.INI				EXCEL4.INI	EXCEL.SLB	FILEMKG.INI	TODO.PIF
FOUNTCOLR.INI				INDEX.INI	WINGW1.W31	SYSDI1.W31	256COLOR.BAT
WINHELP.EXE				EMMS386.EXE	RED.EXE	PIRG.MAP	NET1.INI
CHKDSK.PIF				RED44E.PIF	JUREDOS.INI	SYSTEM.INI	LEUCLDR.INI
BOUSE.INI	CHARLOT.NC	APPCNTU.GRP	WPLAYER.INI	BOHE.MAP			
MSGCH.INI	RED.INI	REDRAW.INI	REDRAW.PIF	NETINFO.INI			
JUSTICBOX.INI	KNOWLEDGE.MAP	LATCHOFF.MAP	SHUTTLE.BAT	THUNDER.MAP			
SCRSCHM.INI	MFR.INI	VIDEO.TIB	WDRCHUP.INI	WINGOS.LOC			
NOTION.PIF	WPC.GRP	WPC.GRP	WPC.INI	WPCBACK.231			
QE.INI	The Official Journal of The Gippsland Gate Radio and Electronics Club Inc.			WPC.CLF			
COL.INI				WPC.HRC			
WPC.INI				WPC.253			
SYSTEM.PIF				WPC253			
VIEWER.INI				SYSTEM.GRP	CONTRC.GRP	CONTRC.EXE	VIEWER.INI
POWERUP.DLL				SYSTEM.OLD	WPC.BAT	SYSTEM.INI	TRUINCL.DLL
				TRUINDR.HLS	WPC.DLL	WPC.DLL	SYSTEM.NOV

Press any key to continue

June 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	Graham Brennan	VK3KCS
Treasurer	Paul Ash	VK3HSA
Event Queue Co-ord.	Helmut Inhoven	VK3DHI
Publicity Co-ordinator	Ivan Blezard	VK3ARV
Magazine Editor	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

First of all I'd like to thank Ivan VK3ARV for his astronomical article, Ian VK3BUF for part 2 of his microscopic Star Trek short story and Kerry VK3KFC for his cutting tales from the Bendigo Advertiser.

Remember if you have any items of interest you would like to see published in your club magazine please post on 3.5" disk preferably, or fax or phone them through to me at least a week before the general meeting.

Those of you at the Annual Dinner would know that Marion and Peter are due to return to Gove in QLD. soon. Best of luck to you both - should be nice and warm! Also we should wish Ron and Judy bon voyage on their next trip north in about 2 weeks, travelling via Adelaide, Alice Springs, Darwin, maybe G Broome, Perth, Adelaide and back to Melbourne.

Got to go, must press on... David VK3XMF and Cathie

A WORD FROM THE PRES.

By the time you are reading this, our mid year dinner will have been flossed away into the annals of Club history, so it is probably pointless that I retrospectively remind members to bring their own dinner plates and cutlery. Still, if governments can apply taxes retrospectively, then perhaps it is ok that I remind you anyway. I hope that it went well and the fire was warm and not too many members sprained ankles whilst dancing on the tables.

Since the last magazine we have had a cabinet re-shuffle. Ivan (VK3ARV) is now the Club Secretary, Reg (VK3VRG) is a general committee member, along with Helmut (VK3DHI). Paul (VK3HSA) is still our Treasurer. Helmut and Dorothy are presently in Germany and have regrettably missed our dinner night. He mentioned something about going to Auto Barn's. I didn't think that the car parts franchise operated that far away from Melbourne.

On this Friday night we shall be having a 'DX' night at the Clubroom. We shall be firing up the Club station and seeing what we can get. This is a great opportunity for our Class members to see some equipment in operation. Ivan will be doing the Rig Review this evening on the 728 HF rig.

While there was not intended to be a General Meeting on this Friday, we will convene for about ten minutes with a single item on the agenda, which I guess makes it an agenda item instead. We are keen to proceed with our computer training as soon as possible, with a proposed introduction to MS DOS next month. Contingent upon this is the purchase of a video interface to go between our PC and TV set (VGA to comp video). This little gem is \$349 and requires a separate motion of approval by the members before we can spend. (The Committee can spend \$250 max. without club consensus.) The unit we intend to buy is the same as the one trialed at the last meeting.

We have had some equipment kindly donated to us. We now have an overhead projector, a transistor tester, some decade boxes and a multimeter. There will be some discussion next month on how we can maximise the usage of these items. I believe that the overhead projector is being trialed at our classes.

In July we have our White Elephant Sale. So get out your junk and get ready for a sale. It should be a good one, we are trying to get a flyer in next months AR magazine to advertise it. Ring me on 9776 5000 if you wish to reserve a table.

If you are *not* reading this report it will be because you have not yet paid your Club Fees and did not receive this magazine. If by chance you pick up someone else's copy, you can read it, but because of a new patented toner emulsion process, your recollection of the content will be suppressed each time you turn a page, so you are just wasting your time. Thrust money at our Treasurer next meeting and all will be forgiven.

I hope you will enjoy this months chapter in our short Star Trek saga. I have about as much of an idea how it will turn out as you. The ending is buried several centimetres below the current level of a bottle of Jim Beam in my bar.

Bye for now. Ian Jackson VK3BUF

EVENT - QUEUE

<u>JUNE</u>			
Friday	21.06.96	8.15pm	Club meeting / HF DX night. - Rig talk by Ivan VK3ARV.
<u>JULY</u>			
Tuesday	09.07.96	8.00pm	Committee meeting
Friday	19.07.96	8.15pm	Club meeting
Saturday	20.07.96	9.30am	GGREC white elephant sale - Entry fee: \$2.00 - Full trestle: \$10.00 - Half trestle \$5.00
<u>AUGUST</u>			
Friday	16.08.96	8.15pm	Club meeting

NIGHT OF NIGHTS

It was a glorious evening of glamour and gastronomic gaiety at the GGREC Annual Dinner for 1996. Everyone who's anyone was there including his excellency President Ian and his first lady Dianne. Marion DiProse had made a special trip from up north in Gove just for the big event. The majority of the GGREC's social elite were there in force with diamantes dripping from fingers and ears and satin and sequins in abundance.

The food was of the highest quality befitting this prestigious occasion.

Two new faces on the social scene were Val and Ian, currently attending the club's certificate classes; welcome to the "in crowd".

The Rat Pack was certainly up to its normal tricks with the girls Lori, Lisa, Anita and Kate having an absolute "ball" and the boys Ross, Hal, Thomas and Dave displaying their views on the proposed anti-gun legislation.

Just a bit of gossip - who was the handsome, mature, "married" man seen there chatting to all the ladies while his wife was sick in bed? While the cat's laid up, eh!

Must away, until the next star-studded evening.

Cath's Chatter

GIPPSLAND GATE RADIO & ELECTRONICS CLUB
P. O. BOX 1098
CRANBOURNE 3977



WHITE ELEPHANT SALE ***1996***

SATURDAY 20TH JULY 1996

**Location : Girls Guide Hall Cranbourne
Grant Street
Melway Re. 133 J6**

The Gippsland Gate Radio and Electronics Club invites all Radio Amateurs interested to our annual White Elephant Sale. This event aims to attract radio amateurs who would like to sell or buy radio or computer equipment or their components. The Gippsland Gate Radio & Electronics Club wants this to be a great event. Snacks and hot food also will be available. In case of difficulties please call in on 146,225 Mhz simplex.

Demonstration of Packet Radio		
Charges:	Full Trestle	\$ 8.00
	Half Trestle	\$ 4.00
	Entrance Fee	\$ 2.00

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

THERE WAS MOVEMENT ON THE STATION.

Lets look at some interesting facts about our universe ,more to the point, at the speed which the earth, solar system and galaxy move in relation to one another.

We are all aware that our glorious planet earth spins on its axis once every twenty four hours--- that's not quiet correct-- it takes only 23hrs 56mns 4 seconds hence the leap year. For the purpose of the exercise I'll round of these small discrepancies.

...Ok ...where was I .?...Ah yes ,twenty four hours to complete one rotation. The equatorial diameter is 12,756km if we multiply this by 3.14 or pi we have the circumference 40,053km divided by 24hrs gives us the speed earth is rotating at the equator 1,668kph of course this will vary the further you move north or south of the equator -- Hang on to your hat..

I will now create a hypothetical situation that will hopefully make the next scenario a little easier to explain so come on, don your space suite ,board our craft and we will take a trip into the immensity of our cosmos, for reasons I'll explain shortly, we shall be travelling at the speed of light, the first leg of this journey will take us at right angles to the plane of our solar system which enables us to view the planets and their movements, we will stop the ship about two astronomical units (AU) one AU equals 149,597,870.km from our planet. There, that didn't take long just over sixteen minutes, the first part of the journey complete , now we gaze from whence we came.

One can not help but notice the largest object in the system "The sun " without which life as we know it would not exist. It would take 109 disc's the size of earth set side by side to fit into a disc the size of the sun.

We see the nine planets Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and of course Pluto out there at the edge of the solar system, 6000 million kilometres from the Sun. If we look closely we will find 50 moons distributed among the planets. Neptune ,Saturn and Jupiter holding the majority of them. Now cast your eyes at the region between Mars and Jupiter, here we observe the asteroid belt this contains many minor planets, chunks of rock and asteroids.

Sorry..I am getting away from the subject , lets turn our attention back to Mother Earth, look at her in all her hues meandering around the Sun at a distance of one AU, we all know that it takes 365 days to complete one orbit , hence the seasons. In this time she covers 946,080,000 kilometres (approx) therefor the speed at which we are moving in our orbit about the Sun is approximately 108,000 kilometres per hour. ..A few more guys on that tower might be applicable..!

By the way the reason for moving at the speed of light on the first leg was not necessary as this was a comparatively short trip ,it simply meant, there was no need to supply coffee and biscuits.

We now leave the solar system and venture far beyond our Galaxy, (Milky Way) this leg of the trip will take a little longer ,as we did with the solar system we shall travel at right angles to the plane of the Galaxy we have been trekking for 12,000 years (coffee and bickies anyone ?) this puts our space craft about 2,000 light years (one light year equals 9,461,000,000,000 kilometres) beyond the Galaxy, or again we look back and will see that the Galaxy has a central bulge with two arms emanating in a spiral formation from the centre looking somewhat similar to two fried eggs, one on top ,the other upside underneath. The centre is almost a sphere its approximately 10,000 light years thick, if we were to travel from one outer spiral arm through the centre to the other spiral arm we would have travelled 100,000 light years.

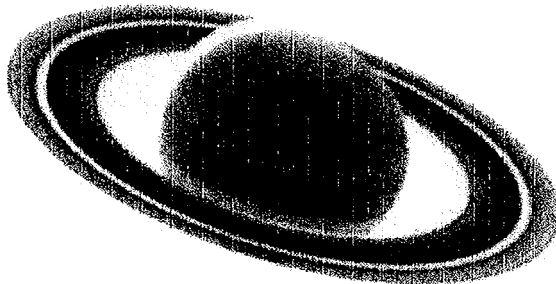
The solar system is situated 25,000 light years from the galactic centre in the second spiral its orbiting speed is 900,000 per hour taking some 200 million years per orbit.

Summing up the Earth is rotating at 1,668 kph ,at the same time orbiting the Sun at 108,000 kph while the Solar system is orbiting the Galaxy 900,000 kph. There IS movement at the station!!

So we have observed life is many great circles, moving at rapid speeds, detection of movement is difficult to notice ,due to time and distance , unlike our bureaucratic friends up there in Canberra who also go round in circles, detection of movement in this case is due to something entirely different..!

One last fact of life. Next time you are asked to pull over by our friends in blue for driving a little above the speed limit, take the ticket except the inevitable (payment of the fine) simply say to yourself-- IF HE ONLY KNEW..!!

Cheers 73s de Ivan Blezard VK3ARV



THE DX 'ERS OF AMALFI - Part 2
A STAR TREK short story by Ian Jackson VK3BUF

The 'away team' from the Enterprise were escorted by the native police of Amalfi 3 to an interview room at what they assumed to be a Police Headquarters equivalent. So far no attempt had been made to relieve them of their phasers and other technical hardware. The trip to their present location had been a strange one, as all the natives kept nodding to each other as if to speak, but none made a sound.

Geordi moved around the room looking intently at the architecture, trying to gain an understanding of their present level of technology. 'This is a very unusual culture.' He said, while looking out the window at the streets below. 'They have some sophistication in electronics and electrical devices, but they are quite backward in mechanical achievement.' A horse and cart past from his view, not before he noticed that the cart had a digital console up front for the driver. A small boy followed the cart, sweeping soft droppings into a steel bucket.

Commander Riker looked to Lieutenant Worf, the security chief. 'What do *you* make of them Worf?'

'At this stage they do not appear very aggressive. Mostly I think they are just curious about our presence in their streets. We won't really know until we establish a means of communication.'

'Perhaps I can help.' Interceded Commander Data. 'Since our arrival here I have been feeding their speech signals back to the Enterprise for computer analysis. It would seem that radio is indeed their means of speech. Every person transmits and receives on the same frequency, but individuals have a unique access address that only *they* respond to. When they 'speak' they compress the content of their message into a tight parcel of data, wait for a brief pause between other people's transmissions, and pulse it a message of their own. I have just instructed the computer on the Enterprise to fabricate a speech interface device and have it beamed down to our coordinate.'

There was a brief interruption to his comments as a small box-shaped device materialised on the desk before them.

Data continued. 'It is essentially a relay device, it picks up nearby radio signals which are sent to the Enterprise's computer for interpretation which is sent back down again for us to hear. Conversely, anything that we say is sent the other way and is transmitted by this box for the natives to hear. They do not have names as we would understand, but for convenience the box will display a token name whenever it receives a nearby signal. Where no equivalent word exists in our language, the computer will automatically insert the nearest substitute.'

The door opened and a man carried in a tray with some food and drink. Like the security officials, he wore a baseball-like cap with an immense peak protruding from the front. As the man placed the tray down the relay box flashed the name 'BILL' on its display and sounded the words: 'There you go you strange deaf/dumb foreign type persons.'

Riker eyed the others in his group and tried an experiment. 'Hello Bill, thank you for bringing us some food.'

The man looked at the relay box wide eyed in surprise as it transmitted Riker's reply to him. The display flashed the name 'BILL' as it translated once again. The words '~~Intercourse/Excrement!~~' sounded through the loudspeaker. 'Bill' ogled briefly at the rest of the visitors and hurried out. Riker smiled, 'Well, we seem to have established contact.'

A few minutes later 'Bill' returned with two scientist types and an official looking man with a cap supporting the biggest frontal peak they had seen so far. It protruded a good metre from his forehead. He gave a polite bow to the guests, the hat peak barely clearing the floor. The translator flashed 'JOE' and said 'Greetings guests/visitors, you must have come/travelled/appeared from some distance. How may I/we be of help/assistance?'

Riker introduced himself and his companions. He went on to describe the Federation of planets, his mission and the Enterprise still up in orbit. Their host listened carefully and asked the occasional question. The two science people said little, but continued to observe them and their equipment carefully.

Data submitted a question. 'Sir, since we have been here I have observed many persons wearing large hats, but yours is by far the largest seen so far.'

'Joe' beamed with pleasure as if he had received the ultimate compliment. 'Yes, our society/empire exists at many casts/levels/classes. As we use radio to converse rather than the sonic/air vibration method of your people, we use the range/distance that we can transmit as a symbol/identifier of our social position. Peasants here do not wear hats at all, hence they can only talk/communicate at short range. The peak/brim of our hats have embedded sections embedded that increase the signal in the forward direction and give us greater power to supervise/control the people. The higher one is in society, the more powerful/directional a hat we are permitted to wear.'

Data nodded in understanding. 'Yes, I understand. Each hat has a multi element parasitic array or 'beam' antenna to magnify the natural dipole antenna within your forehead. Is yours the largest of hats?'

'Ah no. I am only second in command. The chancellor/president wears one which is slightly larger. Except of course for very special public events/occasions where he wears the ceremonial, parabolic dish hat' Joe held his arms wide to indicate the size of the presidential hat. 'While it is not very practical for normal/daily use, it is necessary when our leader/boss must contact leaders/bosses in other continents via our satellite repeater systems.'

Joe turned to the rest of the group and spoke to them collectively. 'I have been instructed by our great/hero leader, ...Fred... to request that you and your leader all join in our scheduled festivities/competition tomorrow, the annual Fox Hunt. Will you be attending/participating with us?'

Riker considered this for a moment, then shrugged and said 'Yes, tell your leader, ah...Fred' that we would be delighted to come.'



Personality Profile Page



Full Name ?

Reg Quite-A-Few Goddard.

Call Sign ?

VK3JRG.

Age ?

Sixty-eight tomorrow.

When did you first join GGREC ?

Four or five years ago.

What do you like about Amateur Radio?

Everything.

What's your favourite band ?

Beatles.

What type of antennas do you have ?

Three element Yagi, dipole on 80m, 2 metre Slim Jim and 27Mhz ringo that I use on 10 metres (sure you do! Ed.)

How tall is your radio tower ?

A bit higher every day! - its a tree! - about 30 feet.

What did you do for a job ?

Was a maintenance fitter.

Where did you do it ?

Cadburys, Wynns, Tuckers.

What was your first amateur rig ?

20/20 Uniden - boat anchor.

What made you become involved in Amateur Radio ?

CB idiots.

What's your favourite fast food ?

None.

What's your favourite drink ?

Barcardi and coke.

What makes you want to learn morse ?

Get on other bands.

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

Nothing in particular - and that's what happened.

What does your wife think of Amateur Radio ?

Its good - it keeps me away from the races.

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

Yaesu 1000 PP.

What do you do if you get you fingers stuck in a bowling ball ?

Make the most of it - go down spread eagle - score a strike!

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to get it done?*

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GGREC Inc GENERAL MEETING 17 May 1996

Meeting Commenced 8:30 pm

Chairman: Ian VK3BUF

Minute Taker: Graham VK3KCS

Present: As per attendance sheet

Visitors:

Apologies: VK3XLE, VK3XMF, Noel Brennan

Correspondence: AR, WANSARC, APC, EMDRC, SERG, FAMPARC, WIA, Tw
Citys ARC

Treasurers Report:

Read by Ian VK3BUF	Moved VK3JRG	Sec VK3DHI	Carried: Yes
Income: \$1915.81	Expenditure:	\$551.99	Balance \$ 5058.97

Previous Minutes: circulated in Monthly Magazine

Read by Ian, VK3BUF	Moved, VK3HR	Sec VK3DHI	Carried: Yes
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New Callsigns: Nil

Business arising from previous Minutes:

VK3KCS standing down from Secretarial position

End of year dinner on the 15th of June discussed

Next meeting: Scheduled for July 1996

Meeting Closed: 8:45pm

Articles of interest supplied by Kerry Clayton from the Bendigo Advertiser, May 25, 1996

It's fair to assume not many people in Bendigo read the Sunday Morning Herald so they won't have seen the other week's Column 8 story about the man at a suburban shopping centre where workers were putting up power lines. The bloke found a stone in his thong so put one hand on a power pole and began shaking his foot in a bid to get rid of the blasted thing. An electricity worker saw the fellow holding the pole and shaking thought he was getting an electric shot. Being a resourceful sort of bloke, he grabbed a lump of wood and thumped the other chap on the arm, hoping to break the connection, He managed to do just that, but in the process broke the man's arm in two places.

A recent issue of the New Zealand Herald printed a story concerning the number of serious shipping collisions in New Zealand waters and records an actual radio conversation released by the United States Navy. "It demonstrates the danger of total reliance on radar at the expense of the Mark 1 eyeball" the article noted. Here we go. "Please divert your course 15 degrees to the north to avoid a collision." "Recommend you divert *your* course 15 degrees to the south to avoid a collision." "This is the captain of a US Navy vessel. I say again, you divert your course." "No, I say again, you divert *your* course." "This is the Aircraft Carrier Enterprise. We are a large warship of the US Navy. Divert your course now!" "This is a lighthouse. Your call."