

GATEWAY



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

JUNE 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 ijackson@netspace.net.au or Fax: 9776 5451

All other Club correspondence to PO BOX 1098 Cranbourne 3977

Presidents Message

Welcome to the June edition of GATEWAY,

With the winter weather settling in and our gardens coming back to life after a very dry summer, we can look forward to spending more time in front on our transceivers with a hot cuppa until spring arrives.

The Millennium Dinner, on the 17th of June, will be a good night for enjoying each other's company around an open log fire. It will also be a good time to reflect on the Clubs activities and outings to date. I have asked the committee to explore some Amateur Radio / communications type of outings that we can organise for the coming months. Do you have any ideas? If so please let the committee members know about them.

Mike Ide and I attended the WIA Victoria AGM on the 31st May. This was my first outing to a WIA meeting and I must say that I now realise how much I don't know about the WIA, it's structure and operation, even though I have been a member for many years. I hope to generate some discussion on this at our coming meetings.

Our Amateur Radio and Electronics Trash and Treasure Sale is fast approaching. This major club event needs your support and assistance. Russ White VK3MWR has managed to secure advertising for our event in local papers and commercial radio stations. Russ has also provided the insert for the WIA AR magazine at virtually no cost to our Club. On behalf of GGREC, I would like to thank Russ for his hard work and commitment to making this year's event a success.

Do you have a computer? Are you looking for an outlet of your talents? If you answered yes (or no!) to these questions, then you can become our new magazine editor. Talk Dianne Jackson or any of the committee members to find out more about this very rewarding position.

Remember to call in to our Club Net on the second and fourth Sunday of the month on 146.225 MHz at 8:00 PM.

73's from Bruno Tonizzo
VK3BFT





Event Queue

DAY	DATE	TIME	DETAILS
Fri	16/June	8pm	General Meeting
Sat	17/June	7pm	Millennium Dinner at the Guide Hall
Fri	07/July	8pm	Prac Night Power supply kit assembly
Sat	15/July		Working Bee and lunch at RDD
Fri	21/July	8pm	General Meeting followed by a talk by Jim Frances
Sat	22/July	10am	Amateur Radio Trash and Treasure day
Fri	28/July	7pm	Pub Night at the Waltzing Matilda Hotel in Springvale
Sun	30/July		EMDRC White Elephant Sale (See the add on the back cover)
Fri	04/Aug	8pm	Prac Night
Fri	18/Aug	8pm	General Meeting and Film

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. Bruno VK3BFT is our net controller this month. The next net nights will be, Sunday the 25th of June the 9th of July and the 23rd of July.

We have also been considering a Net on HF. At this stage we are only looking for expressions of interest, before we take any action.

FOR SALE

A "Realistic" 40 ch AM hand held CB radio. In MINT condition. Digital up down button tuning and a LED display. \$75.00 Ph Glenn Knight 0409176465.



Gory Details ...

NO MORE GATEWAY

If you haven't paid your annual membership fees yet, then you will **not** get any more issues of Gateway magazine. A membership only costs \$30.00 a year, so see Mike, our treasurer as soon as possible.

PUB NIGHT

We will be having another GGREC Pub Night on **Friday the 28th of July**. This time it will be at the **Waltzing Matilda Hotel**, on the corner of Springvale and Heatherton roads in Springvale. **Melways Map Ref 88 K 1**. Anyone interested in coming along on the night should see Bruno or Helmut at a Club Meeting, to make sure that we get enough tables booked. Even if you make up your mind to attend as late as the day of the dinner, please make sure you give **Bruno** a call on **9700 4526** so that table numbers can be adjusted.

CLUB MILLENIUM DINNER

On **Saturday the 17th of June** we are having a **fully catered** Spit Roast Dinner. Please do not bring your own food this time. The only thing that you will need to bring along will be some drinks and glasses. This looks like it could be a great fun night out with Music, Dancing, Competitions and Prizes. **Booking Essential.**

RADIO CONTROLLED TARGETING SYSTEMS FOR THE ARMY

At the July General Meeting we will be having a talk by Jim Frances about radio controlled targeting systems, how they are built and how they work.

WORKING BEE

On Saturday the 15th of July, we will be having a working bee at the site of our six metre repeater, at the water tower in Cockatoo, to carry out some maintenance. Afterwards we will be having lunch at a local Pub. Meet at the water tower at 9.30am, Patternoster road Cockatoo.

OLYMPICS FILM

On the night of the August General Meeting, Mike VK3KTO we will be showing us some colour footage of the 1956 Melbourne Olympic Games, in the Guide Hall after the Meeting.

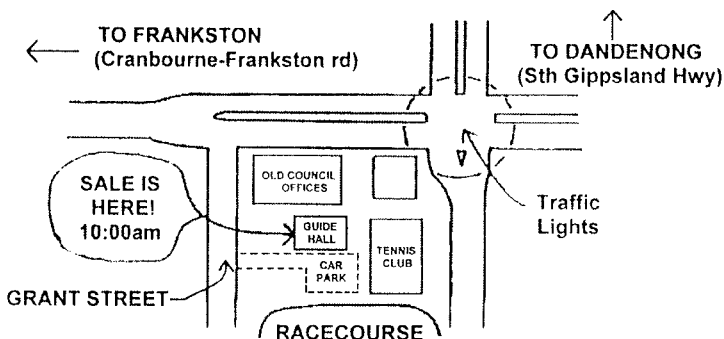
POWER SUPPLY KITS

Final Payment is now due on all power supply kit orders. Please see Mike VK3KTO at the June General Meeting. Construction of kits will commence at the July Prac night.

GGREC TRASH & TREASURE SALE

Saturday 22th July 2000

This will be held at the Guide Hall
in Grant Street, Cranbourne.



The doors open for Sellers to set up at 8:30 am.
\$15.00 a table, \$8.00 a half table.

The doors open for Buyers at 10:00 am.
Entrance fee \$4.00

Hot & Cold refreshments available

Major door prize drawn at 2pm. Winner will be notified.

Call in on 146.225 Mhz

For table bookings or further information, please contact:
RUSS WHITE VK3MWR at (03) 9796 2601

Special IARU Region III Event Station

The International Amateur Radio Union Region III conference will be held in Darwin, Australia, 28 August to 1 September, 2000. More than 100 delegates from radio societies in the Asian and Pacific regions are to attend the conference hosted by the Wireless Institute of Australia, and discuss a wide ranges of regional and global issues Affecting amateur radio.

At the conference's hotel venue a special event station AX8IARU will be on air activated by members of the Darwin Amateur Radio Club, and conference delegates. A special QSL card is to be available. Listen for AX8IARU on the DX bands using both CW and phone.

(Issued by the IARU RIII Conference Media Officer, Jim Linton VK3PC)

Intruder Watch Online

Intruder Watching is now even easier with radio amateurs able to submit their observations of intruders on exclusive Amateur Service HF bands through Australia's first Intruder Watch Online. WIA Victoria supports Intruder Watch, which is also known as the IARU Monitoring Service (IARUMS), that relies in individual log reports of intruders.

The Amateur Service worldwide, through IARUMS, has to defend its exclusive HF bands against intrusions. No complaints and we will have no hope to trying to remove intruders. Success is being made in having intruders leave our bands, but more log reports are needed. The WIA Victoria website will highlight an "intruder target" that should be easy for the average radio amateur to receive and log. WIA Victoria will be suggesting to its member clubs that this become a club project, as way for its members to contribute to IARUMS which is acting on their behalf seeking the removal of intruders. Participating clubs will be named on the WIA Victoria website.

WIA Victoria has produced an Intruder Watch log sheet that can be filled in, and emailed to WIA Victoria

Phone 9885 9261 Fax 9885 9298 Web site: www.tbsa.com.au/~wiavic

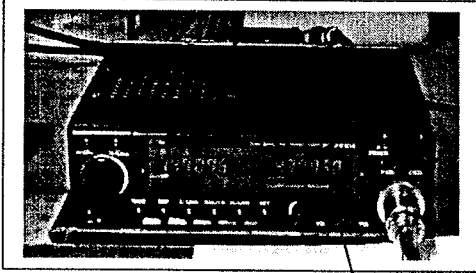
CLUB TRIP TO CFA HEADQUARTERS

Gippsland Gate Club members braved the cold weather last weekend, to travel to the Nar Nar Goon CFA Headquarters. After enjoying a warming indoor BBQ and a hot cuppa, the Fire and Emergency Services volunteers gave a comprehensive display of life saving rescue equipment. Within minutes, a donated vehicle was ripped apart using the "jaws of life" to simulate the freeing of a road accident victim.

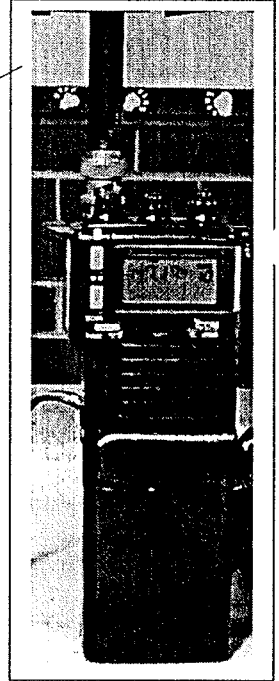
Members were most appreciative to Andrew Clinkaberry, GGREC's secretary and SES volunteer, for the hospitality extended to the club on this day.

ICOM EQUIPMENT NIGHT

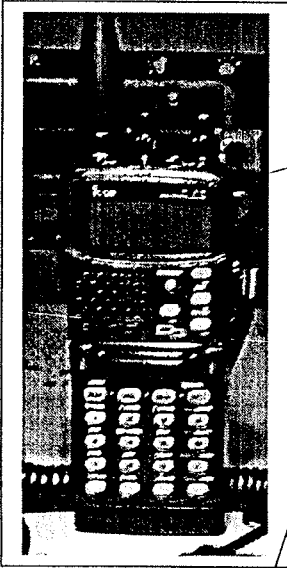
At the May meeting we brought along all sorts of Icom gear. The quantity and diversity of the gear showed how prolific the Icom company has been over the past 20 years.



IC 25A
2M band
HAND
HELD



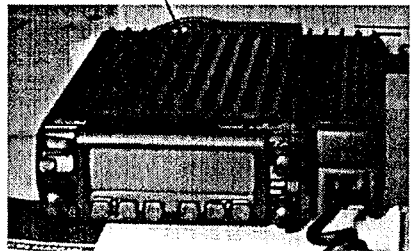
IC 2410A
2M/70CM FM



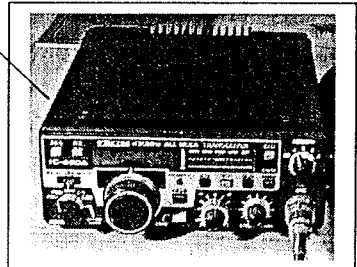
IC Z1A
2M/70cm band
HAND HELD

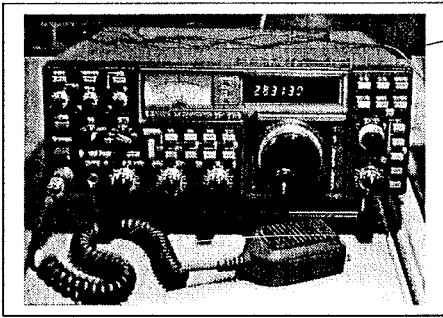
IC 207H
2M/70cm MOBILE,
50w/35w

IC 228A
2M band
FM
MOBILE



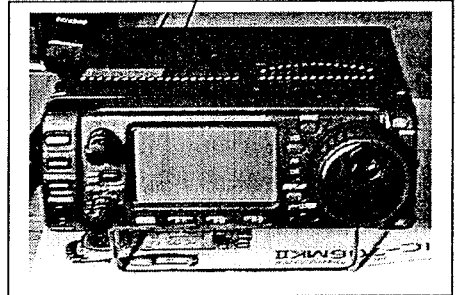
IC 490A
70cm 10W
ALL
MODE
MOBILE





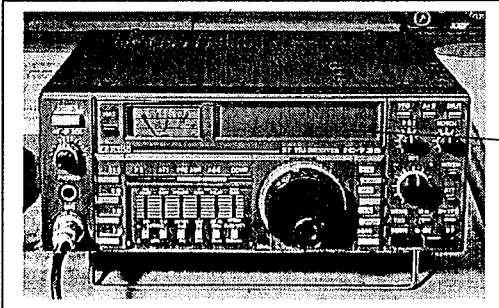
IC 751
HF ALL
MODE

IC 706 MK2
HF +6M
+2M
MOBILE

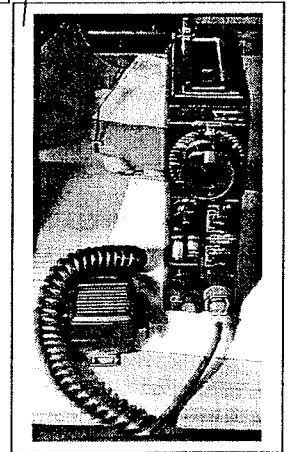
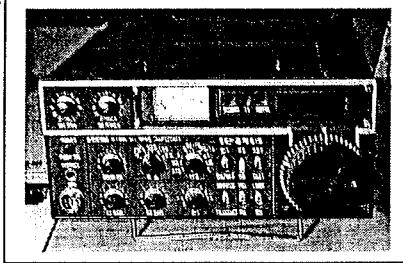


IC 735
HF ONLY

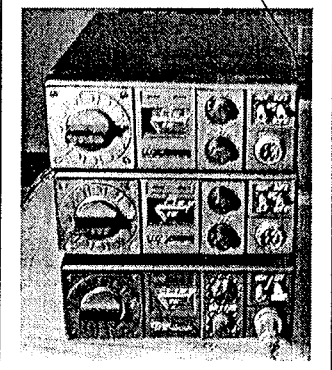
IC202 2M SSB
PORTABLE



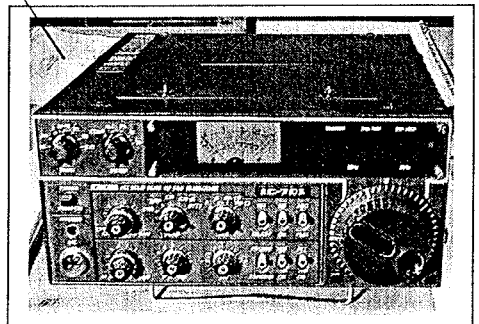
IC 251A
2M
ALL MODE
BASE



IC22S x2
AND IC22A
2M MOBILES



IC701
HF
BASE
UNIT



GENTLEMAN'S AGREEMENTS & THE NEW MODES

by John L. Wickham VK3ZK

Gentleman's agreements are those arrangements where you can communicate using the mode of your choice, without treading on the toes of others. This usually entails carving up the amateur bands into sub-bands, one each for the different modes. *Unfortunately, the newer modes (AMTOR, PACTOR, CLOVER, PSK, etc) are presenting a real headache on the 20 Mx band!*

On Good Friday, 2000, whilst tuned to a PSK-31 transmission on 14.070 MHz, a breaker came in who was obviously a PACTOR buff. He was very disgruntled and he read the "riot act" about PSK-31 stations using the "TOR" sub-band. He said that all PSK-31 stations must use the RTTY segment of 14.082 – 14.090. He went on to state that PSK-31 stations using 14.070 were disrupting PACTOR and CLOVER mail forwarding systems, plus marine mobile emergency networks. *Disgruntled and all as he was, this station violated the radio communication's act by not identifying with his callsign!*

We need more room on our bands for these new modes and without having to resort to asking the licencing authorities to widen our HF allocations, some sacrifices must be made. As a CW buff, I hope that I do not ruffle the feathers of CW operators by suggesting that the 20 Mx CW sub-band be changed to **14.000 – 14.040**, with **14.035** set aside for QRP CW. The band plan for the lower portion of the 20 Mx band could then become something like the example given below:-

14.000 – 14.035	Standard CW	14.035 – 14.040	QRP CW
14.040 – 14.050	Hellschreiber	14.050 – 14.060	PSK-31
14.060 – 14.075	All "TOR" Modes	14.075 – 14.090	RTTY

With more and more stations making a comeback to RTTY, *you will have an ugly situation where RTTY and CLOVER/PACTOR stations WILL BE AT ONE ANOTHER'S THROATS! THIS MUST NOT BE PERMITTED TO HAPPEN!*

We need to re-plan the lower portion of the 20 Mx band so that everybody can peacefully co-exist without treading on the toes of others, and if this is not enough, also consider the fact that there is another new digital mode known as **MT63, WHERE THE TRANSMISSIONS OCCUPY A BANDWIDTH OF, AT LEAST, 1 KHZ!**

Write to the WIA, tell them about the problem, suggest a band plan such as that illustrated above, and find out what they think!

SYDNEY OLYMPIC CALLSIGNS

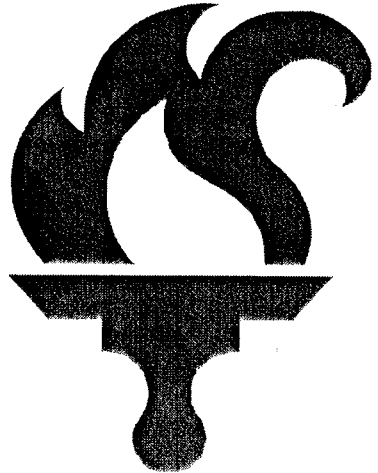
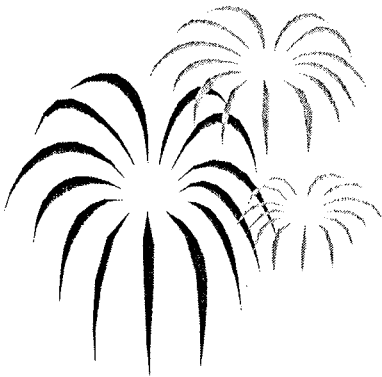
The callsign AX2000 has already attracted a lot of world-wide attention since it took to the ham bands airwaves a few weeks ago, and now it will be joined on the DX bands by three other Olympic callsigns.

The Wireless Institute of Australia (WIA) New South Wales advises that it has now been granted the callsign AX2GAMES. This callsign will be in use from September 1 to November 1.

Two other callsigns, VK2SOG and AX2SYD have been approved for use between June 15 and November 2.

Meantime all VK radio amateurs will have the choice of using the alternative prefix AX from June 15 to November 2.

This news item has been supplied by WIA Victoria News Online
www.tbsa.com.au/~wiavic



Eastern Zone Amateur Radio Club Inc presents:

GippsTech 2000

The Technical Conference focusing on VHF/UHF/SHF techniques, weak signal working, propagation, antennas, testing & measurement and related topics.

- Where:** Monash University campus at Churchill, just south of Morwell in the Latrobe Valley, Victoria.
-
- When:** Saturday 8th & Sunday 9th of July 2000. Registrations from 9.00 am, start at 10.00 am.
-
- Speakers on:** Audio DSP and Visual Frequency Shift Keying.
Construction of Yagi antennas for 6 metres.
2.4 GHz scene.
DX Cluster, and much more.
-
- Cost:** \$20.00 per Registrant, partners free. Includes BBQ lunch on both days, tea & coffee etc.
-
- Partner's Activity:** A viewing of an antique clock collection and other activities/visits at the whim of the participants. An enjoyable day out is assured.
-
- Accommodation:** Limited accommodation is available on campus at \$22.00 per person per night, (BYO linen). Bookings are essential. Motels are available in nearby Morwell and Traralgon.
-
- Program:**
- Saturday:** Official opening followed by the various speakers during the day with a BBQ lunch on site. Tea/coffee & biscuits available all day.
An evening meal is available on Saturday night in the form of a Chinese banquet in Churchill, at additional cost. (Licensed BYO - approx. \$22.00 per head)
- Sunday:** Practical demonstrations of microwave gear and test equipment, winding up with a BBQ lunch.
-
- Registration:** Available on site on Saturday, or electronic registration and conference updates are available on the club web site at www.qsl.net/vk3bez/
- Talk In:** On VK3RLV (146.800) and on Channel 50 (146.500). RLV may be difficult to use near Churchill, hence the simplex alternative.
Signs will be placed from the Churchill exit from the Princes Freeway at Morwell to the site.
- Contact persons:** Queries for further information can be directed to:
Peter Freeman, (VK3KAI): peter.freeman@sci.monash.edu.au
or
Ralph Egar, (VK3WRE): wredgar@net-tech.com.au

JOKES

One day, farmer Jones was in town picking up supplies for his farm. He stopped by the hardware store and picked up a bucket and an anvil, then stopped by the livestock dealer to buy a couple of chickens and a goose. Now he had a problem: how to carry all of his purchases home. The livestock dealer said, "Why don't you put the anvil in the bucket, carry the bucket in one hand, put a chicken under each arm and carry the goose in your other hand?"

"Hey, thanks!" the farmer said, and off he went. While walking he met a fair young lady. She told him she was lost, and asked, "Can you tell me how to get to 1515 Mockingbird Lane?" The farmer said, "Well, as a matter of fact, I'm going to visit my brother at 1616 Mockingbird Lane. Let's take a short cut and go down this alley. We'll save half the time to get there."

The fair young lady said, "How do I know that when we get in to the alley you won't hold me up against the wall, pull up my skirt and ravish me?" The farmer said, "I am carrying a bucket, an anvil, 2 chickens, and a goose. How in the world could I possibly hold you up against the wall and do that?" The young lady said, "Set the goose down, put the bucket over the goose, put the anvil on top of the bucket, and I'll hold the chickens."

- The easiest way to find something you have lost is to buy a replacement.
- Never take life seriously. Nobody gets out of it alive anyway.
- There are two kinds of pedestrians -- the quick and the dead.
- An unbreakable toy is useful for breaking other toys.
- If man evolved from apes, why do we still have apes?
- Good health is merely the slowest possible rate at which one can die.
- It's not hard to meet expenses - they're everywhere.
- Indecision is the key to flexibility.
- If at first you don't succeed, destroy all evidence that you tried.
- The problem with the gene pool is that there is no lifeguard.
- It's hard to make a comeback when you haven't been anywhere.
- Living on Earth is expensive, but it does include a free trip around the sun.
- The only time the world beats a path to your door is when you are in the shower.
- It's a small world, but I wouldn't want to paint it.
- Only good people keep diaries, bad people don't have time.
- Lead me not into temptation, I can find the way myself.
- When you're finally holding all the cards, why does everyone else turn out to be playing chess?
- The mind is like a parachute, it works much better when it's open.
- Remember to take the time to stop and smell the roses. But, don't let a bee fly up your nose.

Gippsland Gate Radio & Electronics Club inc.

GENERAL MEETING MINUTES

Date : 19/5/00 Start : 2000hrs

Chairman : Bruno VK3BFT Minute Taker : Andrew VK3HFA

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

Apologies : Paul VK3HSA, Linda VK3HRJ, Naree, Phil VK3YB

Correspondence Received :

Renewal Notice Aust. Post Box, David Brian Renewal Cheque, FAMPARC News x 2, Eastern & Mountain District News, Melb Packet Radio Club Domain Name/Virtual Hosting, Amateur Radio x 2, email : Carl Schlink (EMDR) VK3EMF re. Change of date of Hamfest David Davies... Subs Moorabbin & District Radio Club News

Correspondence Out :

Carl Schlink (EMRDC) re. Clash of dates of Hamfest/Trash & Treasure

Rec. Reserve Committee re. Non allowance of club proposal

Treasurers Report : Read by : Mike VK3KTO, **Moved :** Mike VK3TO, **Seconded by :**

Dave VK3MWR **Income :** \$461, **Expenditure :** \$374.89, **Balance :** \$5598.07

New call signs : Andrew VK3HFA

Previous Minutes : **Moved :** Peter VK3VB **Seconded :** Colin VK3HR **Carried**

Business Arising :

1. No reply received from Rec. Reserve committee.
2. T-Shirt print night went well ...more to be conducted in future.
3. Radio on Rails VK3HEM and a VK2 were active but not much else heard.
4. Ian VK3BUF outlined the power supply project. A deposit required tonight and please indicate preference for LED or LCD display.

General Business :

1. New Members : Derek Willara VK3MLQ & Keith Sadler VK8HKS
2. Helmut VK3DHI advised of a night out to Waltzing Matilda tomorrow night
3. Ian VK3BUF offered use of a party tent for the Trash & Treasure Day.
4. \$12 deposit required for the millenium dinner night.
5. Newsletter editor still required.....full training available!
6. Next "Pub Night" to be held at Waltzing Matilda on 29/7/00
7. Discussion took place on the Melbourne Packet Radio letter and request for payment, some concerns/issues were raised and the following motion was put : That GGREC pay the \$150 requested by Melbourne Packet Radio Group and a letter accompany payment requesting clarification of ongoing costs and voicing concerns over user pays, internet access etc.

Moved : Mike VK3KTO **Seconded :** Peter VK3VB **Carried by Majority**

8. Next exams are on June 2nd
9. Printing of flyers for Trash and Treasure was handled by Russ VK3MWR daughter. Our thanks to be passed via letter. Moorabbin hamfest to be used to distribute flyers, community ads in local press/radio etc. Also Coast Guard to be asked to provide a display.
10. Club Net...Mike VK3KTO felt it was time for a change of our Net Convenor.. Bruno VK3BFT volunteered for next few months. It was felt that the job should be rotated.
11. Jan VK3NOV asked about the possibility of a HF Net..this was referred to the committee for consideration.
12. Ian VK3BUF advised that the Clubs 6 metre repeater needed some attention and the antenna needs some routine maintenance.

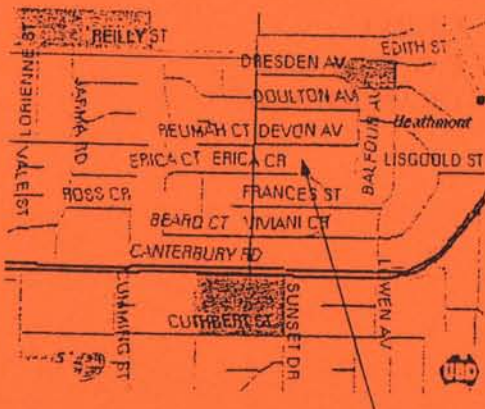
Guest Speaker : ICOM equipment was displayed and described by their owners.

Next Meeting : June 16th **Meeting Closed :** 2110hrs.

White Elephant Sale

Don't forget the amended date for the EMDRC white elephant sale Will be held on **Sunday 30th July 2000** at the **Heathmont Primary School** Great Ryrie St Heathmont.
Melways Ref 49 - K1

For table bookings contact Jack
VK3WWW. 9873 2459



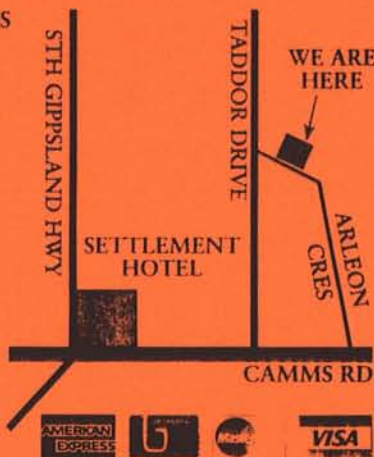
Primary School

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-  **T.V. ANT & ACCESSORY SALES**
- **MOBILE PHONE ACCESSORIES**

19 ARLEON CRES.,
CRANBOURNE VIC 3977
gcomm@netspace.net.au
www.netspace.net.au/~gcomm



GRAHAM VK3KCS

GGREC
P.O. BOX 1098
CRANBOURNE

GGREC CLUB VK3BJA
P.O.BOX 1098
CRANBOURNE 3199