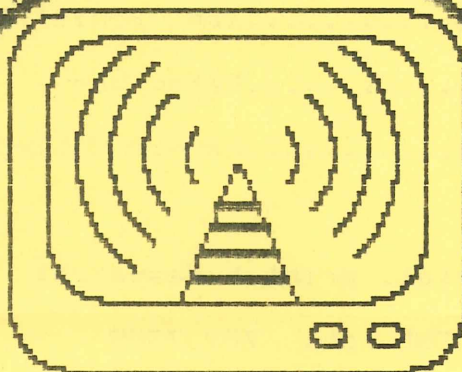
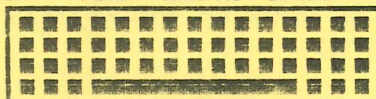


GATEWAY



GGREC



THE OFFICIAL JOURNAL OF
THE GIPPSLAND GATE RADIO
AND ELECTRONICS CLUB

OCTOBER 1988

GIPPSLAND GATE RADIO AND ELECTRONICS CLUB

COMMITTEE MEMBERS 1988/89

President.....	Kerry Clayton	VK3KFC
Secretary.....	Andy Beales	VK3KCS
Treasurer.....	Dave Campbell	VK3XMF
Member.....	Ian (Boris) Buczak	VK3KGB
Member.....	Peter Vat	VK3KCV
Member.....	Laurie Gallagher	VK3KLG

Magazine editorial, print & despatch:

Ian Jackson VK3BUF ph. 789 7339

Club meetings held at the 1st Oakwood park Scout Hall in Heyington Crescent, Noble Park North. Meetings commence on the third Friday of each month at 8:00 pm. (+/- 10%)

Club Station: VK3BJA Located at the Scout Hall

Postal address: P.O. Box 98 Dandenong 3175

Membership is \$15.00 for adults and \$6.00 for pensioners and students.

(See the membership applic. form on the last page.)

ALL VISITORS WELCOME

PRESIDENTS REPORT

Only a couple of more meetings left for the year so we will probably wind up projects and social events and plan some activities for next year. Any ideas?

The six metre repeater moved closer to reality with the conversion completed in the AWA radio. The interface is also complete and a temporary controller installed for testing. Ian VK3BUF has spent a lot of time on this, and next Albert VK3BQD will be working on the better controller.

The low price theatre tickets have nearly run out of time on the use by date, so we will sell them off cheaply to help cover costs. Some of us have enjoyed using them but I doubt we will bother again.

At our next general meeting our six meter repeater will be displayed. Also there will be a presentation to Tony VK3ZMP of his home brew award. It is the second last meeting of the year so don't miss it!

WATTS GOING ON...

This months magazine is a bit thin, but short of photocopying onto cardboard there was not much to be done about it. I scraped the bottom of the 'magazine article' barrel and there was nothing there. Fortunately I noticed a couple of old articles stuck to the side, so I used them. If any of the members know of a good scandal, I can guarantee a prime spot in the next edition of GATEWAY. Many thanks to Manfred VK3JMB for providing several articles over the last few months.

As Kerry summed up in the Presidents Report, big things are happening on Six Metres. Andy VK3KCS and myself spent Sunday the 16th doing a tune up on the repeater hardware. It came up pretty good. We shall activate it soon on the initial output of 25 watts. It may not seem like much power but at least we can operate the repeater without the need of cavity resonators at our proposed site in Dandenong, as antenna separation should be adequate. I have been doing a few tests from my place in Frankston and the results are favourable. The repeater will have the callsign of VK3RDD, it will transmit on 53.575 and receive on 52.575 so buy crystals for the opposite frequencies to install in your rigs. If you come along to the Meeting THIS FRIDAY NIGHT you will see it in action. (Into a dummy load)

I have decided to drop photos of antennas for the mag as I ran out of good shots suitable for photocopying. If anyone has some good ones can they pass them on to me for publication?

We have all experienced a lot of wind lately. You may give yourselves a pat on the back if your systems survived intact. My neighbours were eagerly watching my 2M array, perhaps they have seen the current prices on scrap aluminium. There are rumours around that some antennas in Hallam require a bit of attention.

I now have the luxury of a new printer, it should make some of the text in the magazine a bit easier to read. Comment is invited.

NEW ROAD SAFETY PRODUCT (Curbing homicidal impulses)

Revenger lets the frustrated driver vent aggressive impulses by emitting loud sounds. The instrument which looks like a radar detector and attaches to your vehicles dashboard, contains a sound chip and a row of light emitting diodes.

When the Revenger is turned on, the LEDs start flashing and the driver has the option of pressing three buttons:

- Machine Gun (rat-a-tat-tat),
- Grenade Launcher (a whistle and a boom),
- Death Ray (a high pitched, oscillating frequency).

Mike Grubbs, vice president of the company that makes Revenger, jested about the death ray: "That's something that you might aim when a pedestrian walks out in front of you." Revenger is available for US\$20 - US\$25.

Contact:

Express Yourself Inc.
1800-A Associates Lane
Charlotte, N.C. 28217
USA

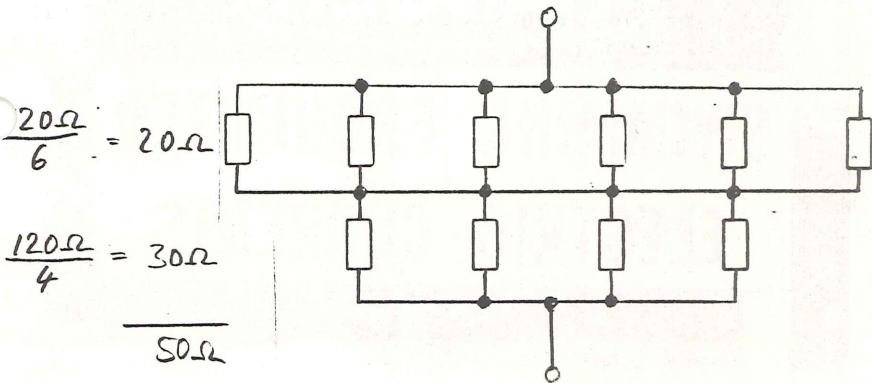
(From IEEE SPECTRUM, Feb. 1988)

DUMMY LOAD 50 Ohm 167W

At the recent white Elephant sale of the FAMPRC I picked up some RF-resistors (low inductance). They are 120 Ohm, 1%, rated at 25W and were sold 5 for \$1.00. If you can get 10 of those resistors you can build the dummy load below. This circuit results in 50 Ohms exactly. The Resistors must be mounted on an adequate heatsink if full power rating is to be realised.

You may even win the price in the home-brew competition if nobody else enters!

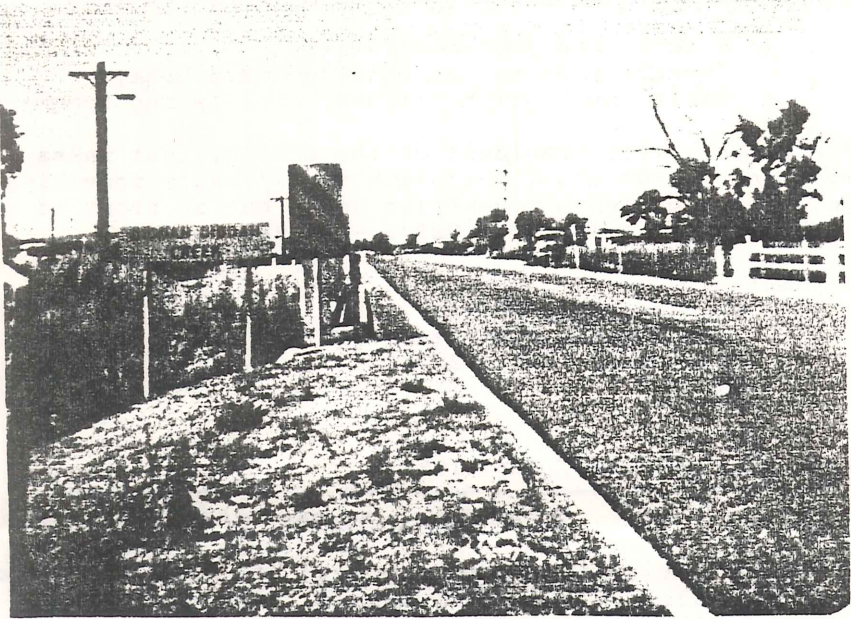
3JMB



AMATEUR PHOTOGRAPHY

Here is a new section to the mag, photos of weird and wonderful sights around the country.

The shot of the creek was taken on the Hume Highway 50 km south of Albury. It would be interesting to know the history behind the name of the creek.



This shot was taken along the Murray near a lock at Renmark S.A. Perhaps one could recharge ni-cads with a fishing rod. Certainly nothing could induce me to swim there.



GIPPSLAND GATE RADIO AND ELECTRONICS CLUB - MEMBERSHIP FORM

NAME: _____ CALLSIGN: (IF ANY) _____

ADDRESS: _____ POSTCODE: _____

PHONE NO.: _____ TODAYS DATE: ____/____/____

MEMBER TYPE:

REGULAR MEMBERSHIP: [] (\$15.00)

PENSIONER MEMBERSHIP: [] (\$6.00)

STUDENT MEMBERSHIP: [] (\$6.00)

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