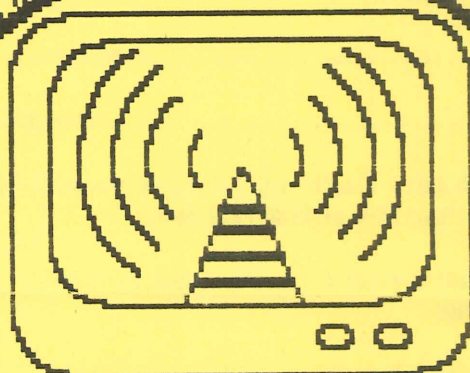
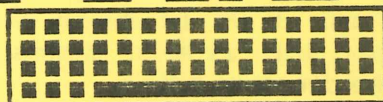


# **GATEWAY**



## **GGREC**



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

**JAN 1988**

GIPPSLAND GATE RADIO AND ELECTRONICS CLUB

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COMMITTEE MEMBERS 1987/88  
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President.....Kerry Clayton VK3KFC \*

Secretary.....Ian Buczak VK3KGB

Treasurer.....Albert Hubbard VK3BQO

Member.....Dave Campbell VK3XMF

Member.....Peter Vat VK3KCM \*

\*NOTE: Both Kerry Clayton and Peter Vat are available to  
fulfill the functions of Club President.

Club Component Officer & Test Equipment Library:  
Albert VK3BQO

Magazine Editorial:  
Ian Jackson VK3BUF (contact on 7897339)

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.

Club Station: VK3BJA Located at the scout hall.

Postal address: P.O.Box 98 Dandenong 3175

\*\*\*\*\*  
ALL VISITORS WELCOME  
\*\*\*\*\*

# PRESIDENTS REPORT

Looking back on 1987 i think we can be reasonably happy with the way things have gone in our club.

Several big outings have Proved successful, the repeater Project continues, membership is UP on the Previous year.

Our social nights are quite Popular and attendance at meetings has improved.

The committee will continue to work towards improving what we have got, and with your support will try new ideas as they come to hand.

We require suggestions for fund raising to help in keeping your subscriptions down, so how about it?.Any ideas!!

We are reviving the club T-Shirt idea and hope to have several Theatre Nights this year.

So all told i am looking forward to 1988 and what it may bring.So see you UP at the club rooms or catch you on air.

73 Kerry VK3KFC.



## GGREC AUSTRALIA DAY WEEKEND

From Friday evening, 22nd of Jan until Tuesday morning, 26th of Jan, a large number of GGREC members shall be making the trip to Corowa. On the NSW-VIC boarder, we shall go prepared for four days of fun and frivolity.

Here is a rough itinerary:

### FRIDAY

Rendezvous at the Stamford Hotel car park at 6:00 to 6:15 PM (call in on 146.225)

Drive through to Corowa via Yea (approx 4 hrs) and set up camp at the Corowa Caravan Park.

Collect your 'GGREC DISCOVER COROWA' quiz kit. (This will cost you two bucks)

### SATURDAY

11:00 AM Massed bands march down the main street. (Approx 12 bands)  
8:00 PM Dinner and Pokies at the Golf Club. (See adjacent note re attire)

### SUNDAY

11:00 AM Grand parade down the main street, including antique tractors, cars, farmers etc. (don't miss it!)  
12:30 AM Vintage tractor pull and other stuff  
7:00 PM BBQ dinner at the Caravan Park. (BYO EVERYTHING) (This is a Green and Gold night, be sure to wear something Green or Gold.)

### MONDAY

10:00 AM Drift down the Murray for about 2 hours on something that floats, almost anything goes.  
12 NOON Riverside BBQ at the Corowa Common, the terminus for the raft regatta. (Mystery prize awarded to winner.) (Also BYO EVERYTHING)  
6:30 PM Fish and Chip dinner (no semiconductors) at the Caravan Park.

TUESDAY

10:00 AM Announce winner of the 'DISCOVER  
COROWA' competition. Then prepare  
for the return journey to VK3.

NOTE...

We suggest you bring the following items:  
HAT, SUNCREAM, BATHERS, TOWELS, SOME KIND OF  
RAFT, BBQ STUFF, 2M RIG, AEROGUARD, DRINKIES,  
GREEN OR GOLD CLOTHES, CAMERA, LIFE JACKET,  
WATER PISTOL, ENO.

AND FOR THE NIGHT AT THE GOLF CLUB...  
Neat casual dress, (NO JEANS OR RUNNERS) and  
lots of loose change.

SEE YOU THERE!!

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NEXT SOCIAL NIGHT....

THE NEXT GGREC SOCIAL NIGHT WILL

BE AT THE STAMFORD PUB, ROWVILLE,

ON THE FIRST FRIDAY IN FEB.

NO MINUTES OF NOVEMBERS GENERAL MEETING

THIS MONTH....SORRY

SEC (KGB)

## A COMBINATION 6- AND 2-METER J POLE

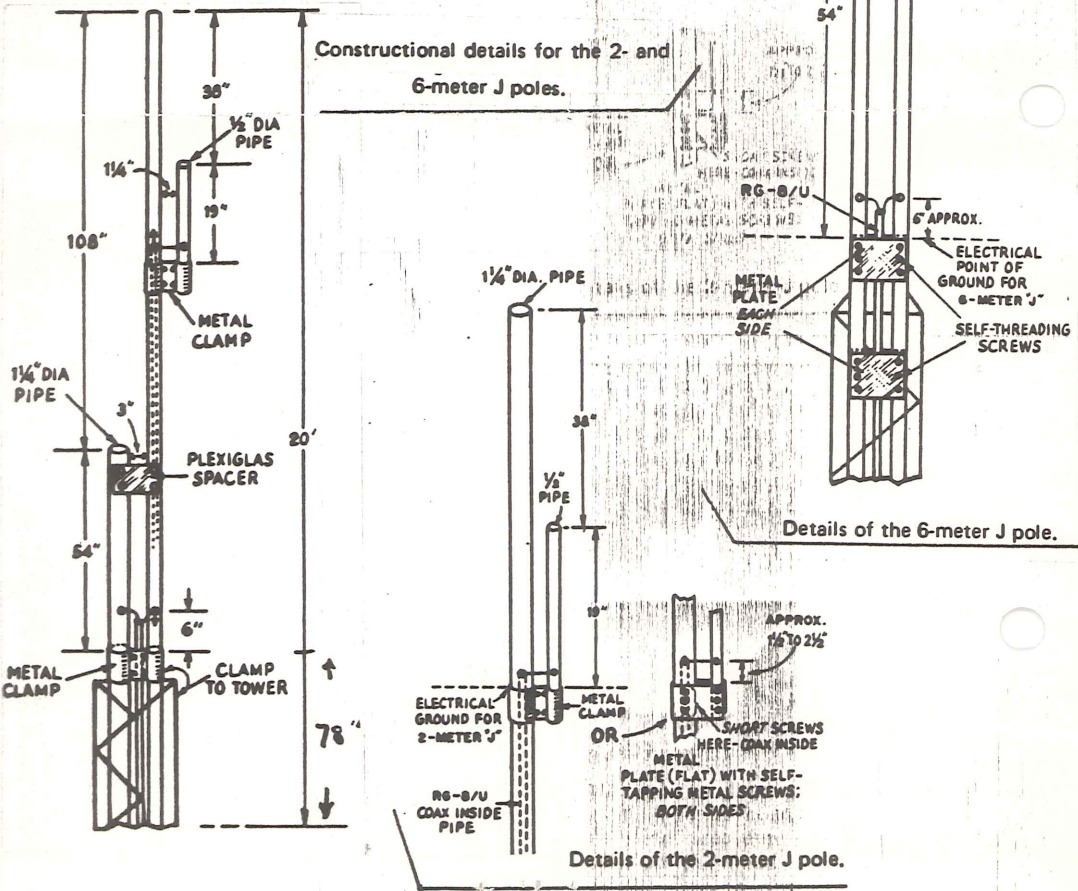
Credit for this J-Pole system goes to WSWEU who has used these two antennas as omnidirectional radiators with excellent results. The overall antenna is shown in Fig. 11-45. The antenna mast is 1-1/4-inch diameter pipe, 20 feet long. This length can be made up from two 10-foot lengths of TV masting. The first step is to make the 2-meter J pole as shown in Fig 11-46. Note that the stub dimension of 19 inches is the total length *above* the metal support brackets.

Once the stub is mounted, the antenna can be temporarily supported in a vertical position. Connect an SWR indicator in the feed line, and slide the outer braid of the coax (touching the main mast) and the inner conductor (touching the stub) up and down until you get a low SWR. The point where the SWR is the lowest is where the hole will be drilled in the main mast for the coax. (The coax will be snaked up inside the main mast.) Temporarily ground the braid with a self-tapping screw at the point of lowest SWR. Next, carefully adjust the inner conductor up or down the stub until a match is obtained. At the point of matching, drill

another hole to take a self-tapping screw for connecting the inner conductor.

The same procedure is used on six meters. However, on this band, the coax is brought up outside the mast in permanent installation. The dimensions shown in Fig. 11-47 will provide a starting point for adjustments. The antennas shown are used on 146.5 and 52.525 MHz.

The completed antenna can be mounted on top of a tower or mast, providing omnidirectional coverage. Gain of these antennas is the same as that of a vertical half-wave dipole. The coax and feed points should be waterproofed with a good sealing compound.





# RTTY

## MODEM

Want to get going on Amateur RTTY the easiest, simplest and inexpensive way.

The ALIAN RTTY Modem is cheap yet effective for use on the VHF bands where complex audio filtering is not required. Comes with 24 page instruction manual taking the reader from teletype basics to setting up a RTTY station.

### PRICE

PCB + INSTRUCTION MANUAL	\$24.00
P&P	\$1.00
FULL PARTS KIT + MANUAL	\$60.00
P&P	\$2.00
ASSEMBLED & TESTED	\$90.00
P&P	\$2.00

## RTTY PACK

For the TANDY Colour Computer with 64k RAM. This plug in cartridge contains software and hardware to interface your Computer to most any RTTY Modem, including the one described above. Supports most printers to give true copies of pictures and contains a function called "AUTO ANSWER" to turn your RTTY station into an Answering Service "On Air".

### PRICE

ASSEMBLED & TESTED CARTRIDGE	\$120.00
P&P	\$2.00

We can also upgrade the memory of your Tandy Colour Computer. Ring or write for details and price.

ALBERT HUBBARD  
(059) 96 4472

IAN JACKSON  
(03) 789 7339

## ALIAN ELECTRONICS

CUSTOM DESIGN & MANUFACTURE  
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P.O. BOX 654, CRANBOURNE 3977.

