

Rec'd 9/8/01

IRLP mentioned (last page 5)

THE PROPAGATOR.

VOLUME 00/06 Issue 6 August 2001 PRINTED BI-MONTHLY

PRICELESS

Meetings 2nd Tuesday of each month (except January) S.E.S. Building Montague St Nth Wollongong
Starting At 7:30 P.M. Official Newsletter Of The Illawarra Amateur Radio Society P.O. Box 1838 Wollongong 2500

Annual

Well its that time of the year again..., and I don't mean Tax Time! (Well it is actually but that's another story...) The time has come for our *Annual General Meeting*. This is where you can have the chance to participate in the actual running of the Association. I'm sure that there is a spot that you would just love to take on. (Anyone want to edit a Newsletter????) Both Jim And Brian Have Indicated that they will not be Running for Office this year so we at least need a Secretary and President.

**REMEMBER NO
PRESIDENT NO AGM!!!**

Seriously there is a lot that goes on behind the scenes to run the association and this work falls on a small, but very dedicated group of people.

My thanks and I believe all members will agree that the committee has done a great job this past year. Well Done.

We have a membership of almost 90 members So come along to the AGM and put your hand up. Any help will be greatly appreciated.

This year at the AGM we will be having a Super

General

Raffle with the first prize being a Cordless Phone very kindly donated by one of our Advertisers DOWCOM. A very big Thank you for the prize and their ongoing support of our association. For each person that hands in a Nomination Form At the AGM they will receive as a bonus 4 free Raffle Tickets to win this phone. There will also be runner up prize of a Corded Phone, and this would have to be considered a Antique as they certainly don't make em like this anymore!!

There will also be the usual club raffle of a meat tray as at previous meetings.

A word of thanks must be extended to the South Coast Division Of WICEN for their much valued assistance with the Saddleback Mountain Repeater Site. It is certainly appreciated by the membership of the society.

We have seen a lot happen over the past 12 Months with some members now electing to receive their propagator via e-mail and the number growing daily.

Meeting

We now have almost half the membership receiving it this way. Hopefully the incoming committee will continue with this practice as it has a saving of over \$100 per year so far.

The number of IRLP sites world wide is growing at a staggering rate with new Nodes opening up almost daily. It is being shown as the way of the future with more and more people becoming involved with it as time goes by.

Inside this issue you will find a article on Parrot Proofing your antenna Connections. Its quite a neat idea and if you live in a location like I do it will come in quite handy.

Finally I would like to extend to the half dozen or so contributors that have sent in articles over the last year a big THANK YOU. It certainly helps.

Well that's about it for me..

I will see you at the AGM and don't be afraid to stand for a Position On The Committee.

Cheers Bill

De VK2JBS

Minutes Of General Meeting I.A.R.S. Held 20th June 2001

VK2TTH in the chair. VK2ZWG was sick.

MEETING OPENED: 19:45

Attendance 32 members

APOLOGIES FROM: VK2's KRH, DZJ, ZWG, TNB, TNK, JHW, ZDM, AXJ.
Moved VK2TTH 2nd VK2TBF

VISITORS: Pat VK2JPA from W.I.A Paul VK2XRT.

CORRESPONDENCE IN: Letter from Transgrid, VK2AGW re Location of repeater and coverage area etc VK-East link Minutes of meeting, Rob McKnight re the increase in site fees, Brian Clarke re increase in site fees, Rob McKnight re the response from the E-mails sent, Rennie Grieve re help if needed, Steve Leatham re Transgrid and the tree clearing, Earle Emanuel re the break in at the Nepean club, VK2WI re the conference of clubs date, VK2WI re data over power lines trail, David Blunn re site fees at Saddle back, Vaugahn Williamson re what we should do re site fees, Michael Eckardt re e-mail sent to him, ACA re discussion paper Amateur/marine operator, delay run for renewal notice, Renewal notice for VK2AMW VK2RUW, Renewed Licence for VK2RIS, John Matthews re site fee increases, Illawarra Historical society re radio's on loan (From VK2UBF and VK2ALU). Julian Shortland re site fee increases, Wollongong City Council re update of records, Wireless Institute re Conference of Clubs and who's going? Barry White re site fee increases, Municipality of Kiama Re site fees to be paid by us, Rob McKnight transcript of Transgrid letter. David Warner re investigation into ways we could help in disasters. Kiama Council site fees at Saddle Back Mountain. Increases from \$110 to \$286

NEWS LETTERS FROM: Dragnet, Smoke Signals, and Brag.

CORRESPONDENCE OUT: Propagator to all members, Cheque to ACA for renewal of VK2AMW, VK2RUW. E-mail of Transgrid letter to I.A.R.S. E-mail list, E-mail and letter to Matt Brown MP re seeing what he maybe able to do about site fee increases. E-mails from Rob McKnight VK2MT re site fee increases and the Transgrid letter. This letter was requested by John Lodding VK2ZLJ so he can make his request to Ian Mac Mannus, E-mail to VK2CLUBS re the Conference of clubs mailing, E-mail to VK2CLUBS of the Transgrid letter requesting this be on the agenda for the Conference of clubs, E mail to Chris Devery VK2XCD thanking him for the minutes of VK-East link, E mail and membership form to Barry Mcneil VK2FP re joining the club, Membership form

to Bert Walsh VK2TBW re joining the club, membership form to Richard Bailey re joining the club. Letter from David Downie VK2EZD to Matt Brown re site increases, E mail to VK2WI re this meeting (sent twice), E mail from Bill Stone VK2JBS re copy right for beam in Propagator to VK2ZRH. Get well card to Noel Black VK2TNB.

Correspondence as tabled moved by VK2UBF 2nd VK2WRJ

MINUTES OF MEETING being as read in propagator June 2001 be accepted.
Moved VK2UBF 2nd VK2tth

MATTERS ARISING FROM: none

TREASURERS REPORT: Brian read a report from Jim VK2CAV as he's away
Moved VK2UBF 2nd VK2TJQ

REPEATER REPORT: John VK2ZLJ spoke on the process with Transgrid and where he believed us to be. At this time it looks like paket at maddens will go and maybe saddle Back Mountain as well. He will be having his meeting with Ian McManus and will report to the committee meeting.

GENERAL BUSINESS: Site fees and where we're up-to. See repeater report.
E-mail Propagator look at. Some members looked at this and they where asked to give names to Bill VK2JBS.

Close Membership Badge draw. If not won his meeting leave until AGM.

VK2UBF moved a motion and 2nd by VK2TJQ that the members badge draw be put on hold. Nobody spoke against this. The badge draw will start again when we know what expenses we have.

Conference of clubs delegation. Brian asked for members to go. John VK2BHO and Brian will attend yet again.

Ken VK2ZOO spoke about the repeaters being replayed over Channel 7 CB. It could be coming from North Wollongong?

July meeting will be bring a plate.

NEXT GENERAL MEETING: July 10th Nomination forms needed for August Meeting.
Committee meeting June 20th

MEETING CLOSE: 20:40.

RAFFLE PRIZE: Wayne VK2TBF went home with ANOTHER meat tray.

Badge draw: \$55 not won see general business.

Rob VK2MT gave a demo of IRLP. Two there joined the club on the strength of this demo. Many members paid their fees for this coming year.

Minutes Of General Meeting I.A.R.S. July 10th 2001

OPENED: 19:40 with Jim VK2ZWG in the chair.

ATTENDANCE: 31 including visitors

APOLOGIES: VK2's XBC JBS KRH ZDM AXJ TBF XRT HDS FHN YX BES
TNB

VISITORS: Paul, Jesse Brad Jone, VK2TSB VK2CG

CORRESPONDENCE IN: Membership applications from VK2TBW Bert Walsh, VK2AYE Graham McPhee, VK2ZUH John Lukey, VK2HSW Richard Cannon. Membership renewals Tim Causer VK2KFQ, John Simon VK2XGJ. Renewal from Amateur Radio Transceiver Center for advert in Propagator for 2001. Also changes to his advert. Kiama Council receipts for Saddleback. Letter from Matt Brown MP re Transgrid site fees. E-mail from Chris VK2XBCc re non-attendance at this meeting, also from Bill VK2JBS ditto License renewal for VK2AMW & VK2RUW. Account from Vimcom to be paid. Given to Jim. E-mail from VK2TBF re thanks for the raffle prize he won. Matt Brown forward of letter from Kim Yeadon MP re site fees. Membership Application from Kevin Powell VK2ZSP. E-mail from Phil Miller re sponsoring a trophy in the VK/ZL contest.

NEWS LETTERS FROM: Central coast, Ballarat, APC

CORRESPONDENCE OUT: E-mail to Bill VK2JBS re change of address of Graham Dowse. E mail to David Blunn re his address. Letter to David Blunn with Account for saddle back, which hopefully WICEN will pay. Accounts to Illawarra Communications. Amateur Radio Transceiver center, Newtek Vimcom with attached ATO paperwork and their advert requesting them to renew. Letter to Ken Westerman re the repeaters this club has. Application to Kevin Powell re joining the club. Correspondence in & out as tabled
Moved VK2UBF 2nd VK2TTH

MINUTES OF MEETING having been read. Moved VK2UBF 2nd VK2EZD

MATTERS ARISING FROM: Simon said they where to long.

TREASURER'S REPORT: As attached Moved VK2CAV 2nd VK2UBF.

REPEATER REPORT: Rob spoke of 438:225 back on air as stand alone repeater. Saddle back 146:975 had gone off air not sure why. The DTMF codes to control repeaters had been all changed because of IRLP. IRLP working OK network growing rapidly now 110 nodes. Look at having a prefix for IRLP. He played the indent that other nodes hear when connected. As usual it sounded VERY good. There was much talk and questions asked about IRLP. Moved VK2MT 2nd VK2UBF.

GENERAL BUSINESS: Should the club have the membership draw at the AGM and how much should it be. *SIMON SUGGESTED THAT THIS BE PUT ON HOLD UNTIL ALL EXPENSES ARE KNOWN. NOBODY SPOKE AGAINST THIS.*

Approve membership as tabled. **ALL approved welcome letters will be sent.**

Sponsorship of VK/ZL contest. **Brian VK2UBF will speak with Phil VK2FHN for more details.**

Graeme Dowse from Dowcom spoke about the cordless phone that will be given away at the AGM. Brian VK2UBF to arrange for it to be picked up.

General meeting will be held: August 14th, which will be the **AGM**

Meeting close with no further business the President closed the meeting at 21:05.

Paul one of the visitors won raffle prize. He went home with a monster box of fruit and vegetables.

NEWTEK ELECTRONICS.

Phone or fax 42271620

RESELLER FOR

ALTRONICS ARISTA JAYCAR AVICO

Stockist of

Alarm accessories , UHF antennae , tools , computer accessories , Test equipment , cables , plugs , RF sprays and components for the professional and AMATEUR alike.

Call and see Jack at 345 KEIRA STREET WOLLONGONG Just across road, at new address.

PRESIDENTS REPORT 2001

Hi to all club members of the I.A.R.S.

It's been a pleasure to be your club President for this year. The club has gone from Around 70 members at June 2000 to approx. 80 members at the last count. I hope that all members renew their membership. We cannot have a strong club without a strong membership base. The more members the more projects your club can precipitate in to make the club even more better.

It's hoped that the site fee increases can be over-come and this, your club, can go From strength to strength. I would like to thank the Secretary (Brian vk2ubf), the Treasurer (Jim vk2cav), And the Vice President (Ted vk2tth) and all other committee members etc, for the Great job these members have done through-out the year.

I would hope that all members of the club take part in this years AGM and apply for a post on the Executive. (Incidentally there is a great PRIZE up for grabs to those that apply for a position).

Unless something unconceivable happens, I WILL NOT be standing for any position Etc this year. I have been a member of this club for approx. eight (8) years and I have Held some positions for most of those years. I think members that have not been on the Executive for some years or not at all should do so for this coming year.

Lastly but by no means the last – I would like to thank Rob (VK2MT) for doing such Great work that he has done on the repeaters etc this year, Also his assistants etc.

It's of my opinion that we, of the ILLAWARRA AMATEUR RADIO SOCIETY, Have the best repeater systems in the State let alone the whole country of Australia.

Where does the club go from here?????. If I had a crystal ball I could tell you. But what ever happens your club will be up there with them and or leading the pack. Further the new IRLP system that is up and running will get even better, and quite soon some HF systems will come online soon.

I have also noted that since the lowering of the CW limit, there has not so far any Riff raff on the HF bands as predicted.

Looking forward to seeing you at this coming AGM meeting. Also remember to fill out your nomination form and nominate yourself for some position on the Executive.

(JIM) D.J.BEAVER. VK2ZWG
Out-going President.

WHY AN AMATEUR RADIO OPERATOR IS CALLED A "HAM "

It goes like this - the word HAM was applied in 1908 and was the call letters of one of the first amateur wireless stations operated by some members of the Harvard Radio Club. They were Albert S. Hymann, Bob Almy and Peggie Murray.

At first they called their station Hymann-Almy-Murray. Tapping it out in code called for a revision and they changed it to HY-AL-MU, using the first two letters of each name.

Early in 1909, some confusion resulted between signals from amateurs wireless HYALMU and a Mexican ship named Hyalmo, so they decided to use only the first letter of each name and the call became "HAM"

In the early pioneer unregulated days of radio, amateurs picked their own frequency and call letters. Some had, as now, better signals than some commercial stations. The resulting interference came to the attention of Congressional committees in Washington and they gave much time to proposed legislation designed to critically limit amateur activity.

In 1911, Albert Hymann chose the controversial wireless regulation bill as the topic for his thesis at Harvard. A copy was sent to Senator David Walsh. The Senator was so impressed, he sent for Hymann to appear before the committee.

He was put on the stand and described how the little amateur station was built and he almost cried when he told the crowded committee room that if the bill went through, they would have to close up the station because they could not afford the licence fees and all the other requirements which were set up in the bill. The debate started and the the little station "HAM" became a symbol of all the little amateur stations in the country

crying out to be saved from menace and greed of the big commercial stations who didn't want them around.

Finally, the bill got to the floor of Congress and every speaker talked about the poor little station ~HAM~. That's how it all started. You will find the whole story in the Congressional record. Nationwide publicity associated station "HAM" with amateurs. From that day to this and probably to the end of time, in radio, an

A M A T E U R I S A " H A M "

Reprinted from Mike and Key, and Florida Skip. 73 Frank KB7LYM

The world is a small
Place when you
connect to the World
Wide Web with
1EARTH INTERNET
A guaranteed immediate
connection. All lines 56K
V90 modems.
The Internet provider
for the
Illawarra Amateur
Radio Society.
Give them a call
now and connect to the
World Wide Web.
Phone on 4229 9008 now
Unit 5 6-8
Ralph Black Drive
North Wollongong.
E mail sales@1earth.net

The Early Days In Radio..

Hertzian Waves

Over 150 years ago experimenters found that when an electric current flowed through a wire, a magnetic field was found wrapped about the wire. Shortly thereafter, it was discovered that a changing Magnetic field produced a flow of current in a nearby wire. From these two discoveries, Michael Faraday of England proposed the novel idea of a magnetic "flux field" or "lines of force" (invisible lines of tension in space: like stretched rubber bands) to explain the phenomenon of magnetic fields and force acting at a distance. Faraday, moreover, expanded his curious idea into a general "field theory" of force, which proposed that all space was filled by various force fields: Magnetic, electric, gravitational, and so on.

About 1850 a canny Scotsman, James Clerk Maxwell, derived a breath-taking concept of nature and revealed a striking set of mathematical rules that encompassed all known electromagnetic knowledge and in the broader sense predicted an entirely new theory of Electromagnetic radiation described by Maxwell in terms of his "field equations." Maxwell boldly stated that "light consists of undulations of the ether" and predicted that electric and magnetic phenomena were similar to light and that electric "undulations" could exist in free space, in the same manner as light waves. The electric "undulations" were described by a set of monumental equations that showed a wave freely travelling from place to place, with an interchange of energy Constantly radiating outwards from the source.

This was quite an idea for 1850!

Thirty-two years after Maxwell's amazing electromagnetic theory and forty years after Faraday's original suggestion of an electric field, Heinrich Hertz of Germany proved its existence. He built a powerful radio oscillator using a "sparking coil," Leyden jars and a simple antenna. The Transmitter worked at a frequency of about 53 MHz (megahertz), just about where TV channel 2 is today! For a receiver. Hertz used a length of wire bent into a loop and having "sparking balls" at the gap (Figure 1). By painstaking adjustment of the gap. Hertz made his simple receiver sensitive enough to spark at a distance of about 30 feet from the oscillator. This amazing fellow then proceeded to focus his electromagnetic waves with simple directional (beam) antennas and reflect the waves from metal surfaces! Other experimenters duplicated Hertz's gear and soon extended the range of the sparking-ball receiver and sparking-coil transmitter up to three hundred feet or so.

FOR

Courtesy to
Amateurs and
Value
In
Our yard
Not usually
Seen elsewhere

WE
RECOMMEND!!!

Cavions

11 Molloy Street Bulli
Phone 4284 6838

ILLAWARRA **COMMUNICATIONS**

If your looking for Quality Coax,
Cellfoam and Heliac Cable, Quality
Pulse RF Connectors RFI/BENELEC.
Mobile and Base Station Equipment.
GME Electrophone Radios, Power
Supplies and accessories.

Premier Motorola Radio Dealer for
the ILLAWARRA AREA.

Simoco (Phillips), Kenwood, Uniden
and Maxon dealer.

Radio programming available, most
Brands and models.

Nicad battery optimization service.

THEN LOOK NO FURTHER THAN

ILLAWARRA COMMUNICATIONS.

101 AUBURN STREET
WOLLONGONG.

(lower end near big tower) or
Phone them on 02 4229 7300

visit their web site at

<http://www.illcom.com.au>



Quality
Endorsed
Company
ISO: 9002
Lic. No. 1451

An interested observer of these early experiments was Guglielmo Marconi, of Italy. In 1895 he started his famous experiments, culminating in his historic Trans-Atlantic radio transmissions in 1901. "Wireless" had come of age and by World War I, Marconi radio equipment was placed in service by various countries and used to handle messages over hundreds of miles. Contrary to the work of Hertz, early "wireless" stations used very long waves, since it was obvious to these early experimenters that long waves were needed to cover long distances!

The Great Days

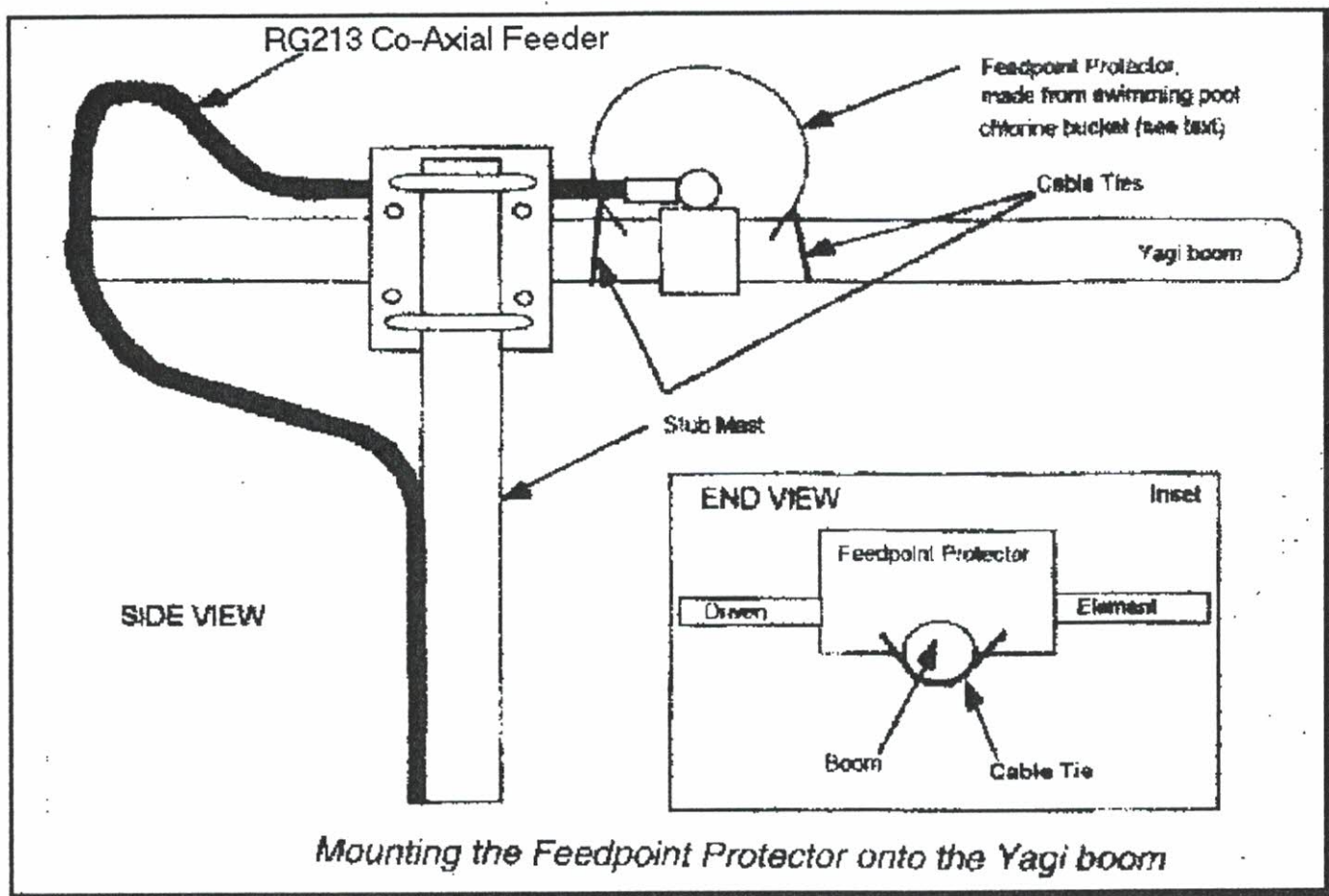
After World War I, the first radio amateurs experimented with "short" radio waves and frequencies as high as today's TV channels were tried by 1925. A great expansion of communication activity into the shortwave (high frequency) radio spectrum occurred when it was found that the waves could be sent around the world by bouncing them off an

ionised layer of the atmosphere and back to earth. This layer (the ionosphere) varies in height 100 to 250 miles above the earth. With the perfection of stable frequency control for transmitters and the sensitive superhetrodyne receiver about 1935, short wave radio transmission became a reality rather than a hit-or-miss proposition. Soon thereafter, the great technological explosion brought about by World War II opened the way for today's communication miracles: radar, television, signals bounced off the moon and Mars, and—finally—the transistor.

All of these modern communication techniques and devices make use of the mysterious "undulations" noted by Faraday so long ago and first put to use by Heinrich Hertz. Of the true nature of the radio wave, however, nothing is known. The radio wave, then, must not be thought of as a thing, but as a way in which things behave. For after a Description is given of the behaviour of the mysterious radio wave, nothing more can be said, as the ultimate knowledge of the radio wave is a secret locked in the heart of the universe.

Today's radio amateur stands upon the shoulders of giants. Even today, radio is still in a formative phase, and amateur radio in particular is less than a half-century old. Antennas, and ham antennas to boot, are still very primitive, even though the theory behind them is Complex. Today's beam antennas and arrays will probably make the Ham of 2021 smile as he shoots off to Paris on a supersonic jet with His space-approved FM transceiver, talking to a satellite repeater as He zips through space!

PARROT PROOFER



Have you the problem of constantly replacing your Co-Ax Feedlines where they Connect To Your Yagi after being damaged by the Local Parrots??. For some reason parrots love to chew on these connections. This little Device may slow them down. Thanks to Jim VK2ZWG

THE PLACE ALL AMATEURS GO WHEN THEY NEED NEW EQUIPMENT



**AMATEUR
TRANSCEIVER
RADIO CENTRE**

AGENTS FOR: **ALINCO** **JRC** **ICOM** **KENWOOD**
Cushcraft **AMERITRON** **AOR**

Open Monday to Friday 9:00 to 5:00 PM Saturday's 9:00 to 12:00.
2nd level, 141 Gilba Road Girraween 2145.

Why not phone or fax Les now on (02) 9896 2545

Or Visit Our Web Site At <http://www.atrc.com.au>

ABN 45000752867

Technical Sales Les Bercich

I.A.R.S. Classifieds

For Sale:

1 Kenwood HF TS50S
Complete with quick release
mounting bracket, SWR Meter
and Multiband Antenea 1350
O.N.O.

1 Kenwood TM221A 2 Mtr
Radio. \$200 O.N.O.

1 Alinco DRR600 2m & 70cm
Dual Bander \$400 O.N.O.

1 Alinco DR590 2Mtr & 70 cm Dual
Band Radio Complete with
Seperation Kit. \$400.00 O.N.O.

1 Alinco DR605 2Mtr & 70cm Dual
Bander \$400 O.N.O.

If you are interested in any of the
above equipment contact John
VK2ZLJ On 0418276157 W or
42941690 A.H.

FOR PEOPLE WHO WANT QUALITY AT A REALISTIC PRICE.

If you are Looking for

Voltage regulators Insulators Mains adaptors

Capacitors Oscilloscopes or Meters.

Call into **VIMCOM** today for all your electronic needs.

Check out their monthly specials

Phone them on 4228 4400 or fax number is 4226 1857
131 Kenny Street Wollongong 2500.

<http://www.vimcom.com.au>

ILLAWARRA AMATEUR RADIO SOCIETY (Inc)
VHF 146.575, VK2RBT 146.850 VK2RMP 146.975 VK2RIS
UHF 438.225 VK2RUW , 438.725 VK2RMP
CLUB CALL OF VK2AMW SINCE 1948
P.O. BOX 1838 WOLLONGONG NEW SOUTH WALES 2500

APPOINTMENT OF PROXY FORM

I,.....CALL.....

OF.....

(Address)

Being A Member Of The ILLAWARRA AMATEUR RADIO SOCIETY INC
Here By Appoint

.....

.....

(Address)

Being A Member Of That Incorporated Association My Proxy To Vote For
Me On My Behalf At The General Meeting Of The Association (Annual
General Meeting Or Special General Meeting As The Case May Be) To Be

Held On The Day Of20

And At Any Adjournment Of That Meeting.

My Proxy Is Authorised To Vote In Favor Of /Or Against (Delete As
Appropriate) The Resolution (Insert Details)

.....

.....

.....

.....

Signature Of Member Appointing Proxy

Callsign.

Date

Illawarra Amateur Radio Society Inc.

P.O BOX 1838 WOLLONGONG NEW SOUTH WALES AUSTRALIA 2500.

Nomination form.

I..... Nominated Position

of.....

Hereby nominate for the above position on the executive of the Illawarra Amateur Radio Society Incorporated. In the event of my election as a member of the executive. I agree to be bound by the rules of the Association.

.....
Signature of Applicant.

.....
Call sign.

.....
Date

I.....
A member of the Association, second the application

.....
Signature of Secunder

.....
Call sign.

.....
Date.

Nomination Forms Must Be Handed In Prior To The August AGM.
NO NOMINATION FORMS NO A.G.M.



Membership Renewal Notice

Name:.....

Callsign:.....

E mail Address.

Address:.....

.....

Suburb:.....

Do You Wish To Receive The
Propagator Via e-mail?

Post Code:.....

Yes No

I wish to renew my membership in the I.A.R.S (Inc).

I enclose, Cheque/Cash. For :.....

I am a member of the W.I.A Yes No.

Fees: Full membership \$20 Concessions \$15

Fees **MUST** Be paid before the end of August.

Please fill out the above and post to P.O. Box 1838 Wollongong 2500.

Or bring along with you at the next meeting.

- Rule 8.2
 - (a) except as provided in paragraph (b), before 1st July in each calendar year; or
 - (b) Where the member becomes a member on or after 1st July in any calendar year- upon becoming a member and before 1st July in each succeeding calendar year.
- (c) Taking due account of rule 4.1 (d)

Cessation of membership.

4.1 (d) does not pay the annual subscription within 2 calendar months from the due date or such period as the Committee determines.

The Illawarra Amateur Radio Society August 2001

ILLAWARRA AMATEUR RADIO SOCIETY^{inc}

P.O. Box: 1838 Wollongong N.S.W. 2500 - (VK2AMW)

PRESIDENT	Jim Beaver	VK2ZWG	
VICE PRESIDENT	Brian Farrar	VK2UBF	
SECRETARY	Brian Farrar	VK2UBF	4267 2296
TREASURER	Jim Christensen	VK2CAV	
COMMITTEE	John Hodgkinson	VK2BHO	
	John Lawer	VK2KEJ	
	Peter Reid	VK2HPR	
REPEATER OFFICER	Rob McKnight	VK2MT	0408 480 630
REPEATER COMMITTEE	John Lodding VK2ZLJ	Chris Stevens VK2XBC	
Phil Howchin VK2TPH	Brian Farrar VK2UBF	Simon Ferrie VK2XQX	
PUBLICITY	Rob Skelcher	VK2TNK	
EDITOR	Bill Stone	VK2JBS	(E-mail: vk2jbs@bigpond.com.au)
PRINTER	Ted Hawkins	VK2TTH	
CANTEEN	Simon Ferrie	VK2XQX	
LIFE MEMBERS	Basil Dale VK2AW	Keith Curle VK2OB	
Graeme Dowse VK2CAG	Lyle Patison VK2ALU	Rob McKnight VK2MT	

Club Meetings are held at 7.30pm on the 2ND Tuesday of every month (except January), in the S.E.S. Building, Montague Street, North Wollongong.

Committee Meetings are held on the 3RD Wednesday of EVEN months.

MEMBERSHIP: Full - \$20 Concession - \$15 (Expires after August A.G.M.)

<u>Callsign</u>	<u>Freq.In/Out</u>	<u>Type</u>	<u>Location</u>	<u>Linked to:</u>
VK2RUW	29.520/29.620	VOICE	KNIGHTS HILL	(OFF AIR)
VK2RBT	146.075/146.675	VOICE	MT BOYNE	RMP & RIS
VK2RMP	146.250/146.850	VOICE	MADDENS PLAINS	RIS & RBT
VK2RIS	146.375/146.975	VOICE	SADDLEBACK MTN.	RBT & RMP
VK2RUW	433.225/438.225	VOICE	KNIGHTS HILL	(OFF AIR)
VK2RMP	433.725/438.725	VOICE	MADDENS PLAINS	RGN/RHR/RGI/RTW
VK2AMW-3	144.700/144.700	NODE/DIGI	MADDENS PLAINS	VK2AMW-4
VK2AMW-4	144.925/144.925	NODE/DIGI	MADDENS PLAINS	VK2AMW-3
VK2AMW-5	147.575/147.575	NODE/DIGI	MT BOYNE	
VK2AMW-7	147.575/147.575	NODE/DIGI	MT MURRAY	
VK2XGJ	53.100/53.100	BBS/SATGATE	DAPTO	
VK2XGJ	144.700/144.700	BBS/SATGATE	DAPTO	
VK2XGJ	147.575/147.575	BBS/SATGATE	DAPTO	
VK2XGJ	440.050/440.050	BBS/SATGATE	DAPTO	

DISCLAIMER: All projects are presented as given & the IARS accepts no responsibility for any damage that may result to your equipment. Any Articles Within, Express The Views Of The Contributor not, necessarily that of the Editor

HANDLE WITH ENTHUSIASM

AID OR CANCELLED
CNC 2521 08/08/01



Lyle Patison
VK2ALU
98 Heaslip Street
Mangerton
2500



THE PROPAGATOR

VK2AMW SINCE 1948

The official newsletter of the Illawarra Amateur Radio Society Inc.

If undelivered please return to PO Box 1838 Wollongong 2500.