

THE PROPAGATOR

THE MONTHLY NEWSLETTER OF THE
ILLAWARRA AMATEUR RADIO SOCIETY
A MEMBER SOCIETY OF THE WIRELESS INSTITUTE OF AUSTRALIA

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NOTICE OF GENERAL MEETING

Members are advised that the next General Meeting of the Illawarra Amateur Radio Society will be held at the Wollongong Town Hall Committee Room on Monday, 8th December at 7.30 p.m.

AGENDA

- 1) Apologies and welcome to new members and visitors.
- 2) Minutes of previous meeting.
- 3) Correspondence.
- 4) Financial Report.
- 5) General Business.
- 6) Raffle.
- 7) Lecture.

NEW MEMBERS.

The following have become members of I.A.R.S. since the list of members was published in the October issue of the Propagator.

Dr. H. Chesterfield-Evans. 3 Elizabeth St., Mangerton. 2500.

Mr. H. Strecker. 97 Deakin St., Oak Flats. 2527.

Mr. C. Vaughan. 53 Stones Rd., Mount Kembla. 2500.

Mr. P. Gardine. 6 Joan Ave., Warilla. 2528.

Mr. C. Drachnik. 8 Bellebrae Ave., Mount Ousley. 2519.

Mr. K. George. 7 The Mall, West Wollongong. 2500.

Mr. J. Burn. 9 Annesley Ave., Stanwell Tops. 2508.

Mr. M. Hope. Fl 1, 14 Gaynor Ave., Mount Ousley. 2519.

DECEMBER MEETING

The last meeting for 1975 promises to be a beaut!!

Raffle--- We have as the major prize, a 24 Hour digital clock. This is a very attractive instrument and well worth buying a few extra tickets, so "bring your money".

Bill-Dit. The complete, ready to run, Bill-Dit transceiver raffle will be drawn. Only 150 tickets are to be sold in this raffle - there are a few tickets still to be sold so why not improve your chances by purchasing one or two more tickets.

Talk.----- We have arranged for a short talk to be given on the subject of W.I.C.E.N.

May I take this opportunity, on behalf of the Committee of I.A.R.S., to wish all members and readers the complements of the Season and best wishes for 1976.

Ian. VK2ZJA. Secretary IARS.

W.I.C.E.N.

At the November General Meeting of IARS, the formal appointment was made of Jim Potts VK2BBG as Illawarra Co-ordinator for WICEN.

Jim has already commenced making the rounds of members in search of operators able to participate in the WICEN service.

Visitors at the November Committee meeting were Ross Sampson, Divisional Controller, and Rick Fletcher, Deputy Controller and Communications Officer, of the State Emergency Services. Fruitful discussions were held with the view to cooperation between WICEN - IARS and the SES. Members will be advised of arrangements following further discussions.

IAN. VK2ZJA. Secretary, IARS.

By Gerry VK2APG.

It appears that the 10 metre band is opening quite regularly now to all states of Australia, New Zealand, Japan, USA, and the Pacific. Occasional openings into Europe have also been observed. The 15 metre band is opening longpath into Europe most evenings around 1100 GMT. The 20 metre band has been excellent to every where lately. "G" stations with big signals can be worked daily around 0830 z. longpath. Also the shortpath to Europe and Middle east around 1300z.

Some interesting stations I have worked over the last month are:-

XX1XX							
ZF1CC	20	0754	Grand Cayman Is.	FG7YT	20	0657	Guadelope
4X4JS	20	0510	Tel Aviv Israel	LX2HH	20	1005	Luxembourg
9Y4AL	20	0614	Trinidad	CT2AK	20	0553	Azores
PZ1AC	20	0907	Surinam	SR1W	20	0947	Guyana
VP8HZ	20	1025	Falkland Is.	VK0DA	20	1043	Macquarie Is.
CX2AX	20	1038	Montevideo	IC8TRA	20	0643	Ischia Is.
FC9UC	20	0829	Corsica	FO8DI	20	0405	Tahiti
JY9CS	20	0625	Amman Jordan	9H1CW	20	0650	Malta
VR6TC	20	0745	Pitcairn Is.	EI4AN	20	0938	Ireland
KV4AA	20	1122	St. Thomas	HS1AKT	20	1234	Bangkok
JY9EK	20	1440	Jordan	VQ9DF	20	1254	Seychelles
VU2EN	20	1338	India..10 w PEP	4S7YL	20	1351	Sri Lanka
5B4CA	20	1403	Cyprus	Y02II	20	0636	Romania.

THATS IT FOR THIS MONTH.

73.

GERRY VK2APG

December Moonbounce Report.

A new 432MHz preamplifier was made up and installed in the feed box during the month. Noise figure tests indicated a 0.3db. lower noise figure than the original preamplifier.

The second WA6LET moonbounce test resulted in us working them for the first time on 22/11/75. They gave us a signal report of 559. Their signal was 18db. above noise on peaks. An input isolating relay then developed high contact resistance and terminated this test. It was fixed during the next week ready for the scheduled tests on 29/11/75.

The stations scheduled on this date were ZE5JJ, who later advised that he was not able to get on due to heavy rain, and SM5LE, who was not heard. However JA1VDV was heard again, 8db above noise. Our echos were the loudest ever, peaking at one time to 12db. above noise and averaging more than 6db. over.

Many thanks to Peter Fackender who made up and installed the much-needed 15MHz. dipole during the month. As soon as the feedline balun is available we will have much better transmitter frequency checking facilities on site.

Lyle VK2ALU.

COMPONENTS FOR SALE

GREENCAP CONDENSERS 100V

.0047, .01, .022

8c each

.047, .1

12c each

METERS

Because of the large demand, another 20 S meters have been obtained.

1. S Meter 400 uA movement, calibrated in S units
1 to 9 and 10 to 40 over S9. Cutout size $1\frac{3}{8}" \times 5/8"$ \$2.50
2. Level Meter This is a dual movement meter indicating
L and R level. Each side from -20 to +3. Each movement
is 200 uA F.S.D. The dual scale is translucent, for
illumination from the back. Very pretty. Cutout size
 $1\frac{7}{8}" \times 1\frac{1}{2}"$. Probably the same as the meter used in an
Electronics Australia mixer/preamplifier project a few
months ago. \$3.00
3. 0 - 1mA Meter A standard 2" square meter. \$4.00
4. 0 - 1mA Meter A standard 3" x 2" meter. \$5.00
5. 0 - 10A Meter A standard 3" x 2" meter. \$5.00

RESISTORS

Bags of 130 $\frac{1}{2}W$ resistors plus 4 Greencaps.

10 each of 13 values : 22, 47, 82, 100, 470 ohm
1K, 2.2K, 10K, 22K, 47K, 100K.

Greencaps 2 - .1, 2 - .0047, .01 or .022, to bring
cost of resistors down to 2c each and still make a
round \$3.

\$3.00 per bag

NEOSID CANS

Formers and slugs all sold.

Single cans

9c

Double cans.

10c

COAX CABLE

Anyone need UR 67 coax cable ? 0.4 ins. diameter, 50 ohm.
Excellent for V.H.F.. We now have orders for 75 metres, but need
orders for the remaining 25 metres before we can buy a 100 metre
roll. Bedrock price at 80c per metre.

80c per metre

WANTED

100 Watt Accordion Amplifier with speaker.

Eric Wojcik 33 Railway Street Corrimal.

Phone 845672

SO YOU THINK YOU HAVE GOT PROBLEMS

Those of you who have ever enjoyed the benefits of workers' compensations, will remember the claim form and its 10 million questions, one of which is 'How did the accident occur?'

To this question a bricklayer recently supplied the following answer:-

"...I was repairing a chimney and had rigged up a beam with a pulley at the top of the building to hoist up bricks and mortar, when the job was finished there were a lot of bricks left over.

I hoisted the barrel up to the top and tied the rope down below, then I went up and filled the barrel with bricks left over. Then I went down and undid the rope.

Unfortunately, the barrel of bricks was heavier than I, and before I knew what was happening, the barrel started down, jerking me off my feet.

I decided to hang on and half way up I met the barrel coming down and received a very severe blow on the shoulder.

BECAME CONFUSED

I then continued to the top where I banged my head on the beam and jammed my fingers in the pulley.

Then the barrel hit the ground and it burst its bottom allowing all the bricks to fall out. I was now heavier than the barrel, and so I started down again at a very high speed. Half way down I met the barrel coming up and received severe injuries to my side.

When I hit the ground I landed on the bricks and so received many painful cuts from the sharp edges.

At this point I must have become confused as I let go the rope. The barrel being heavier than the rope came down at a great speed and gave me a blow on the head and put me in hospital.

That's how it happened..."



"I wish I could establish a single transmission for almost three minutes with you."

W.I.C.E.N.

Illawarra W.I.C.E.N. is alive and kicking. At present we have eleven members, including a strike force of five mobiles. At the last committee meeting discussions were held with Senior State Emergency Services officers. Many essential topics were covered including the following.

1. The need for W.I.C.E.N. in this area. There is a surprising lack of emergency communications facilities. They were not recruiting. S.E.S. stressed that they were trying to tap existing facilities.
2. The autonomy of W.I.C.E.N. We exist to do a specific job during emergencies, — the message is originated and put into W.I.C.E.N. Turning out a duplicate at the destination is our responsibility.
3. Activation of W.I.C.E.N. At the request of the Police, State W.I.C.E.N. Or at the discretion of the co-ordinator or appointed W.I.C.E.N. official.
4. Third Party traffic — yet to be clarified by State W.I.C.E.N. and P.M.G. However high hopes are held by all at present.
5. An offer by S.E.S. of some facilities to W.I.C.E.N.
6. A request by S.E.S. for technical advice on systems efficiency — referred to VK2AGV and VK2DJ.
7. A suggestion by S.E.S. that W.I.C.E.N. be called ^{out} on one emergency per year. (They have an average of five.)
8. Official identification of W.I.C.E.N. personnel and vehicles during emergencies.
9. Possible observer status for W.I.C.E.N. at Emergencies Committees Councils.
10. An invitation to all amateurs to visit S.E.S. at Figtree.

At present, Illawarra W.I.C.E.N. are in the process of making and installing a $\frac{5}{8}$ ground plane for 6m and 2m at the S.E.S. HQ at Figtree

A big job lies ahead. We desperately need amateurs to prepare themselves, their gear, and their message handling techniques for a possible emergency. A few hours of your time several days a year would be welcomed. If the time comes, we know you'll be there. But will you be prepared?

73's Jim VK2BEG
Home: 844639 Work: 711478

NOVICE LICENCE.

Those of you interested in obtaining the Novice Licence will have noted that the PMG has set a 2 year limit on the holding of such a licence. The Federal Executive of the W.I.A. is to be objecting to this restriction. The matter is to be placed on the agenda of the next Federal Convention of the W.I.A.

We suggest that if you have an objection to the 2 year limit of tenure for the Novice Licence, you write to the Federal Executive of the W.I.A..

To make it easier, below is a letter which you may sign and send; just add your address at the top.

.....
.....

Mr. P. D. Dodd,
Secretary,
W.I.A.
P.O. Box 150,
TOORAK. VIC. 3142.

Dear Mr. Dodd,

I hereby wish to express my objection to the setting of a time limit of 2 years on the tenure of the Novice Licence. I object on the grounds that operators may not be able to gain sufficient technical knowledge and expertise within a 2 year period to gain the AOCP or AOLCP, and also that younger holders of a Novice Licence may not have reached the required age to hold the AOCP or AOLCP.

I would therefore ask that the Federal Executive of the W.I.A. take appropriate steps to approach the Licencing Branch of the P.M.G. Department with the view to having the tenure of the Novice Licence extended that there be no time limit of tenure.

I thank you for your attention in this matter.

Yours faithfully,

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