

THE PROPAGATOR. IARS

VOLUME 99/00 ISSUE SIX MAY 2000 PRINTED BI MONTHLY PRICELESS.

Meetings 2nd Tuesday of each month (except January) S.E.S building Montague Street Nth Wollongong.
Starting at 7:30 PM. Official news letter of the Illawarra Amateur Radio Society Inc. PO box 1838 Wollongong 2500.

Welcome to this **SPECIAL EDITION** of the Propagator. There was NOT one planed for this meeting but I had many members contribute. I would like to thank all those that made this edition possible. If many hands are at the wheel it makes it a lot easier for everybody!!!!!!

In this edition sit back and read

Visitor Notice on Page 2.
A Subpoena for that QSL not received on Page 3.
Great scientific facts Page 4-5.
AX2000 special call Page 6.
The meaning of light Pages 7,8,9.
Members profile Page 10-11.
And lots more great reading.

New promotions.

In this issue there will be a new promotion. If any club member has PAID their membership fees by the JULY meeting. All names will go into a hat, and if your at the AGM and you number comes out, you will get your membership re-funded.

Also we are starting a sign up a new member and get a discount on your membership. Membership renewal notice and sign up a new member are inside this edition. Please fill out the form when you renew your membership as this make it very easy for the person that makes up the mailing list.

It would be good if we could get more members. At the moment we have about 70 members so lets make that 75 for the year 2000/2001. The more members you sign up the CHEAPER YOUR membership will be!!!!!!!!!!!!!!!!!!!!

New advertiser.

We have had another company contact me. They want to advertise with us. See a copy of their advert in this edition. So it looks like **OUR** club is well

known for value for money in advertising. As all our advertisers **SUPPOURT** us kindly **SUPPOURT** them. When next your looking for something for your shack.

May meeting.

We have nothing planed for the MAY meeting. I would like to have somebody give us a demo of psk31. Is there any members that can do this for us? If so give me a call so we can talk about how to do this.

SATURDAY MEETING APRIL.

The day didn't start off to well but as the day got on it turned out to be a good day, weather wise.

As the time for the meeting got closer there where about 20 or so members at the dam site with their wives and harmonics. The BBQ's where heated and some started to cook their lunch and others did likewise. The smell comming from the BBQ was great and everybody had their lunch before the meeting started. Everybody there must have had a good time as they have asked for another Saturday meeting in October but NO date was set, so keep listening for details after call backs on Sunday.

After the meeting many members stayed and talked for awhile about many things. I'm not sure if any went for walks to the dam wall or not as I was busy talking to members about what should happen at the next Saturday meeting.

HELP REQUIRED.

The S.E.S and WICEN have asked the I.A.R.S for some help doing an exercise sometime in August. If you can **HELP** kindly advise at the club meeting. The best person to contact is Chris vk2xbc. At the Saturday meeting all present said it was a good idea. See you at meeting on May 9th. Brian vk2ubf.

NOTICE TO ALL VISITORS

WHAT YOU ARE ABOUT TO WITNESS IS AN AMATEUR RADIO STATION LICENSED AS _____ BY THE SPECTRUM MANAGEMENT AGENCY IN BELCONNEN, ACT. BEFORE YOU ASK THE QUESTIONS, HERE ARE THE ANSWERS

1) The total cost of this equipment cannot be discussed here as it creates marital conflicts.

2) No, we cannot send a message to your brother in Hong Kong. We suggest you call Australia Post.

3) This is strictly a hobby; we do not have the facilities or the time to fool around with TV sets, radios or hi-fi. We suggest that you see a serviceman.

4) Yes, the antenna in the backyard is essential to the operation of the equipment.

5) The farthest station we have contacted has been in the Ubangiland.

6) The cards on the wall are called QSL cards. They are confirmation of contacts made with other stations.

7) It is technically impossible for this station's equipment to interfere with television reception, telephones or stereo systems. Any interference problems of that nature are caused by design flaws in the home-entertainment devices themselves.

8) An Amateur Radio station may only be operated by a highly qualified, technically skilled electronics expert. It takes dedication, training and intelligence to reach the level of competence that justifies one to be licensed by the Australian Federal Government. Therefore, it is not considered inappropriate to show proper awe, respect and general obsequiousness when I discuss my hobby or operate the controls.

FURTHERMORE...

IF YOU ARE GRANTED THE EXTREME HONOUR OF BEING INVITED TO SPEAK INTO THE MICROPHONE, PLEASE OBSERVE THE FOLLOWING RULES:

- 1) Speak in a low and soothing tone.
- 2) Do not disagree with me in any manner.
- 3) Say no bad words and tell no off-colour jokes.
- 4) It is customary for guests to make complimentary remarks about this station and its licensed operator when talking to other hams on the air.

DO NOT TOUCH ANYTHING, TURN ANY KNOBS, SIT ON EQUIPMENT, ETC. I HAVE LOST SEVERAL VISITORS BY ELECTROCUTION IN THE PAST FEW WEEKS.

Thank you for your cooperation.

Based on a message from AA2LA@N2IMC.NJ.USA.NA.

SUBPOENA

Court of Consequences State of Confusion

DEFENDANT
PLAINTIFF

Whereas: Plaintiff worked defendant on

Whereas: Defendant's signal strength was

Whereas: Defendant promised a QSL by mail.

And Whereas: Plaintiff has not as yet received aforesaid QSL.

=====
BE IT HEREBY RESOLVED AND ORDERED!
=====

That Defendant is to dispatch aforesaid QSL to Plaintiff immediately upon receipt of this order.

Given under my hand and
seal this _____ day of
_____ 19 _____

(Put Your Name and Call)
Judge

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Today's scientific question is:-

"What in the world is electricity, and where does it go after it leaves the toaster?"

Here is a simple experiment that will teach you an important electrical lesson: On a cool, dry day, scuff your feet along a carpet, then reach your hand into a friend's mouth and touch one of his dental fillings. Did you notice how your friend twitched violently and cried out in pain? This teaches us that electricity can be a very powerful force, but we must never use it to hurt others unless we need to learn an important electrical lesson.

It also teaches us how an electrical circuit works. When you scuffed your feet, you picked up batches of "electrons," which are very small objects that carpet manufacturers weave into carpet so that they will attract dirt. The electrons travel through your bloodstream and collect in your finger, where they form a spark that leaps to your friend's filling, then travel down to his feet and back into the carpet, thus completing the circuit.

AMAZING ELECTRONIC FACT: If you scuffed your feet long enough without touching anything, you would build up so many electrons that your finger would explode! But this is nothing to worry about unless you have carpeting. Although we modern persons tend to take our electric lights, radios, mixers, etc. for granted, hundreds of years ago people did not have any of these things, which is just as well because there was no place to plug them in. Then along came the first Electrical Pioneer, Benjamin Franklin, who flew a kite in a lightning storm and received a serious electrical shock. This proved that lightning was powered by the same force as carpets, but it also damaged Franklin's brain so severely that he started speaking only in incomprehensible maxims, such as, "A penny saved is a penny earned." Eventually he had to be given a job running the post office.

After Franklin came a herd of Electrical Pioneers whose names have become part of our electrical terminology: Myron Volt, Mary Louise Amp, James Watt, Bob Transformer, etc.

These pioneers conducted many important electrical experiments - - Among them, Galvani discovered (this is the truth) that when he attached two different kinds of metal to the leg of a frog, an electrical current developed and the frog's leg kicked, even though it was no longer attached to the frog, which was dead anyway. Galvani's discovery led to enormous advances in the field of amphibian medicine. Today, skilled veterinary surgeons can take a frog that has been seriously injured or killed, implant pieces of metal in its muscles, and watch it hop back into the pond just like a normal frog, except for the fact that it sinks like a stone.

But the greatest Electrical Pioneer of them all was Thomas Edison, who was a brilliant inventor despite the fact that he had little formal education and lived in New Jersey. Edison's first major invention in 1877 was the phonograph, which could soon be found in thousands of American homes, where it basically sat until 1923, when the record was invented. But Edison's greatest achievement came in 1879 when he invented the electric company. Edison's design was a brilliant adaptation of the simple electrical circuit: the electric company sends electricity through a wire to a customer, then immediately gets the electricity back through another wire, then (this is the brilliant part) sends it right back to the customer again. This means that an electric company can sell a customer the same batch of electricity thousands of times a day and never get caught, since very few customers take the time to examine their electricity closely. In fact, the last year any new electricity was generated was 1937; the electric companies have been merely re-selling it ever since, which is why they have so much time to apply for rate increases.

Today, thanks to men like Edison and Franklin, and frogs like Galvani's, we receive almost unlimited benefits from electricity. For example, in the past decade scientists have developed the laser, an electronic appliance so powerful that it can vaporize a bulldozer 2000 yards away, yet so precise that doctors can use it to perform delicate operations to the human eyeball, provided they remember to change the power setting from "Vaporize Bulldozer" to "Delicate."

- Author Unknown -

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Subject: Five Surgeons

Date: Sunday, 5 March 2000 2:39

Five surgeons are discussing who makes the best patients to operate on.

The first surgeon says, "I like to see accountants on my operating table, because when you open them up, everything inside is numbered."

The second responds, "Yeah, but you should try electricians! Everything inside them is color coded."

The third surgeon says, "No, I really think librarians are the best; everything inside them is in alphabetical order."

The fourth surgeon chimes in: "You know, I like construction workers... those guys always understand when you have a few parts left over at the end, and when the job takes longer than you said it would."

But the fifth surgeon shut them all up when he observed: "You're all wrong. Politicians are the easiest to operate on. There's no guts, no heart, and no spine, and the head and butt are interchangeable."

AX2000 SPECIAL EVENT IN CQ WW WPX CONTEST

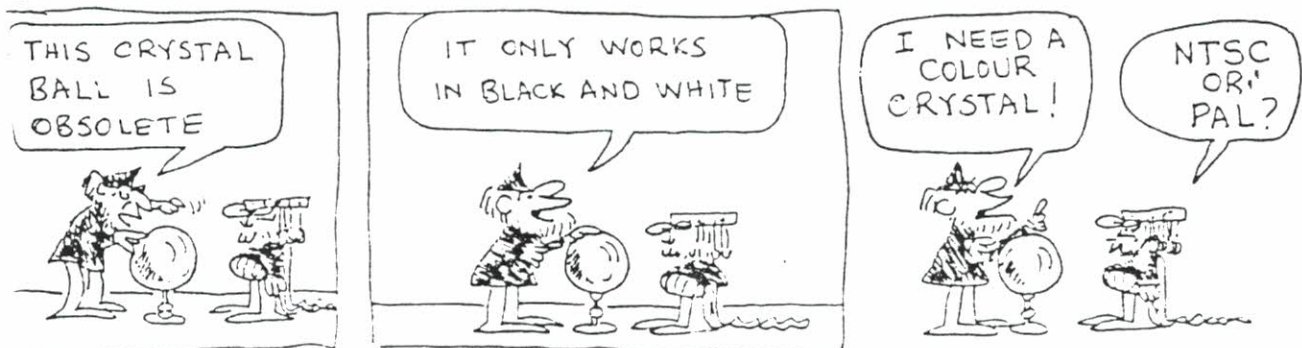
The Sydney Olympics special event call sign AX2000 gets a workout this month and next. The Manly-Warringah Radio Society will activate the call sign next weekend in the CQ WW WPX contest. The club will continue to use the call sign through March 31. That's gone by the time you read this but wait there's more. (ed.)

Next month, the Wahroonga Amateur Historical Radio Association will be active as AX2000/IMD on International Marconi Day, April 29. Other New South Wales radio clubs will activate the call at various times throughout the year, and AX2000 will be running from the WIA (VK2) Divisional headquarters during the Olympic and Paralympic Games. Visitors may apply to operate the station by contacting the VK2 Divisional office.

WIA Federal President, Peter Naish VK2BPN, has received confirmation from the ACA that all Australian radio amateurs may use the optional "AX" prefix to commemorate the Sydney Olympic Games. The prefix may be used from June 15 through November 2.

WIA Q News via "This Week in Amateur Radio"

Thanks Harry for E mailing this to me.



DARK CONSPIRACY INVOLVING ELECTRICAL POWER COMPANIES SURFACES

Rewritten by the Quantum Mechanic

(Author Unknown)

For years the electrical utility companies have led the public to believe they were in business to supply electricity to the consumer, a service for which they charge a substantial rate. The recent accidental acquisition of secret records from a well known power company has led to a massive research campaign which positively explodes several myths and exposes the massive hoax which has been perpetrated upon the public by the power companies.

The most common hoax promoted the false concept that light bulbs emitted light; in actuality, these 'light' bulbs actually absorb DARK which is then transported back to the power generation stations via wire networks. A more descriptive name has now been coined; the new scientific name for the device is DARKSUCKER.

This newsletter introduces a brief synopsis of the darksucker theory, which proves the existence of dark and establishes the fact that dark has great mass, and further, that dark particle (the anti-photon) is the fastest known particle in the universe. Apparently, even the celebrated Dr. Albert Einstein did not suspect the truth.. that just as COLD is the absence of HEAT, LIGHT is actually the ABSENCE of DARK... scientists have now proven that light does not really exist!

The basis of the darksucker theory is that electric light bulbs suck dark. Take for example, the darksuckers in the room where you are right now. There is much less dark right next to the darksuckers than there is elsewhere, demonstrating their limited range. The larger the darksucker, the greater its capacity to suck dark. Darksuckers in a parking lot or on a football field have a much greater capacity than the ones in used in the home, for example. It may come as a surprise to learn that darksuckers also operate on a celestial scale; witness the Sun. Our Sun makes use of dense dark, sucking it in from all the planets and intervening dark space. Naturally, the Sun is better able to suck dark from the planets which are situated closer to it, thus explaining why those planets appear brighter than do those which are far distant from the Sun.

Occasionally, the Sun actually oversucks; under those conditions, dark spots appear on the surface of the Sun. Scientists have long studied these 'sunspots' and are only recently beginning to realize that the dark spots represent leaks of high pressure dark because the Sun has oversucked dark to such an extent that some dark actually leaks back into space. This leakage of high pressure dark frequently causes problems with radio communications here on Earth due to collisions between the dark particles as they stream out into space at high velocity via the black 'holes' in the surface of the Sun.

As with all manmade devices, darksuckers have a finite lifetime caused by the fact that they are not 100% efficient at transmitting collected dark back to the power company via the wires from your home, causing dark to build up slowly within the device. Once they are full of accumulated dark, they can no longer suck. This condition can be observed by looking for the black spot on a full darksucker when it has reached maximum capacity of untransmitted dark... you have surely noticed that dark completely surrounds a full darksucker because it no longer has the capacity to suck any dark at all.

A candle is a primitive darksucker. A new candle has a white wick. You will notice that after the first use the wick turns black, representing all the dark which has been sucked into it. If you hold a pencil next to the wick of an operating candle, the tip will turn black because it got in the way of the dark flowing into the candle. It is of no use to plug a candle into an electrical outlet; it can only collect dark.. it has no transmission capabilities.

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Unfortunately, these primitive darksuckers have a very limited range and are hazardous to operate because of the intense heat produced.

There are also portable darksuckers called flashlights. The bulbs in these devices collect dark which is passed to a dark storage unit called a battery. When the dark storage unit is full, it must be either emptied (a process called 'recharging') or replaced before the portable darksucker can continue to operate. If you break open a battery, you will find dense black dark inside, evidence that it is actually a compact dark storage unit.

The darksuckers on your automobile are high capacity units with great range, thus they require much larger dark storage units mounted under the hood of the vehicle. Since there is far more dark available in the winter season, automobile dark storage units reach capacity more frequently than they do in the summer, requiring 'recharging', or in severe cases, total replacement.

Dark has great mass. When dark is drawn into a darksucker, friction caused by the speed and mass of the dark particles (called anti-photons) actually generates substantial heat, thus it is unwise to touch an operating dark sucker. Candles represent a special problem, as the dark must travel into a solid wick instead of through clear glass. This generates a great amount of heat, making it very dangerous to touch an operating candle.

Because dark has such great mass, it is very heavy. If you swim just below the surface of a lake, you see a lot of 'light' (absence of dark, to be more precise). As you go deeper and deeper beneath the surface, you will notice that it gets darker and darker. When you reach a depth of approximately fifty feet, you are in total darkness. This is because the heavier dark sinks to the bottom of the lake, making it appear 'lighter' near the surface.

The power companies have learned to use the dark which has settled to the bottom of lakes and rivers by pushing it through turbines, which generates the electricity used to pump the dark toward the ocean where it may be safely stored for their devious purposes.

Prior to the development of turbines, it was much more difficult to get the dark from the rivers and lakes to the ocean. The Indians recognized this problem, and developed means to assist the flow of dark on it's long journey to the ocean. When on a river in a canoe travelling in the same direction as the flow of dark, they paddled slowly, so as not to impede the flow of dark; but when they travelled against the flow of dark, they paddled vigorously to help propel the dark along its way.

Scientists are working feverishly to develop exotic new instrumentation with which to measure the actual speed and energy level of dark. While such instrumentation is beyond the capabilities of the average layman, you can actually perform a test to demonstrate the unbelievable speed of dark, right in your own home.

All that is required for the simple test is a closed desk drawer situated in a bright room. You know from past experience that the tightly shut drawer is FULL of dark. Now, place your hand firmly on the drawer's handle. Quickly yank the drawer open.. the dark immediately disappears, demonstrating the blinding speed with which the dark travels to the nearest darksucker!

The secrets of dark are at present known only to the power companies. Dark must be very valuable, since they go to such lengths to collect it in vast quantities. By some well hidden method, more modern power 'generation' facilities have devised methods to hide their collection of dark. The older facilities, however, usually have gargantuan piles of solidified dark in huge fenced in areas. Visitors to these facilities are told that the huge black piles of material are supplies of coal, but such is not the case.

The power companies have long used secret acronyms to disguise their activities; 'D.C.' stands for 'Dark Conspiracy', while 'A.C.' is suspected to represent the 'Alternate Conspiracy' which will most likely be used exclusively once the secrets of D.C. are totally understood. D.C. is rapidly yielding it's secrets to the probing eyes and instruments of honest scientists around the world. The U.S. Attorney General is considering action to be taken against the power companies for the theft and stockpiling of dark from 'consumers'. New developments are being announced everyday and we promise to keep the public informed of these announcements as they occur via this newsletter.

Les Dark, Editor

Thank you, John VK2XGJ for this VERY interesting article.

Cavions recycling for earth care.

*available from our yard are all sorts of
preloved bits and pieces old & new.*

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SCREWED UP.

Have you ever wondered when you used a Phillips head screwdriver how it got it's name?

Weeell, years ago when that famous car maker Henry Ford was starting to make the Model T Ford, he was having difficulty in getting the assembly line working properly. He found that when the workers were trying to do up the screws with the air driven drill of the day, the screwdrivers were slipping off the screws. He happened to mention this to his good friend Phillip k Wrigley of the chewing gum fame.

Phil suggested that he put two slots in the screw heads and make a driver to suit. Phil also invented the self tapping screw and there are still a lot of older tradesman who go into hardware stores and ask for a packet of "PK'S" and are NOT expecting chewing gum. Taken from "The Cordeaux Whisper" August 1991. Thank you Ron vk2ur for stealing this little gem of information.

WORDS TO PONDER

He's retiring from politics because of ill health. The voters got sick of him!!!!

He's so snobbish he won't even ride in the same car as his chauffeur!!

He's got all the charisma of a speed hump!!!!

Ever noticed how a minute contains 60 seconds unless it's preceded by ""Just a"?

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MEMBERS PROFILE

Jim Christensen VK2CAV.

Born 25/8/21. Raised on fathers sugar cane farm at Edmonton, near Cairns. In 1940 built a 6 valve Amateur-band receiver from a circuit and article by John Moyle (VK2JU). In the first issue of Radio & Hobbies (now Electronics Australia).

Join the RAAF in May 1942 and trained as Wireless Operator-Air Gunner. Did wireless training in Maryborough, Queensland. The aircraft were Wackett Trainers and the radio gear was the AWA 1082/1083. Air gunnery training was at Evans Head on Fairey battles. Operational training was at Debert, Nova Scotia on Lockheed Hudsons. The radio gear was the Bendix TA2J transmitter and the Bendix RA1B receiver, with the MN26C radio compass.

After a few weeks in Brighton, England, was posted to 200 Squadron (RAF) Coastal Command operating out of Freetown, Sierra Leone and Monrovia, Liberia on the west coast African coast. The aircraft were Hudsons with the same radio gear as at OTU, plus a big Radar receiver then known as ASV (Air-to-surface-vessel). The patrols consisted of escorting convoys and looking for U boats, but we never saw any subs in the six months we were there.

We returned to Australia in 1944, and were eventually posted to 4 Communications Unit Archerfield, Queensland. We flew between Archerfield and New Guinea in C47 Dakotas. The radio gear was Western Electric BC375 (TX) and BC 348 (RX), with a Command set to work the tower. Towards the end of the war I commenced a correspondence course with Marconi School of Wireless in Sydney for the 1st class Commercial Radio Operators Certificate of proficiency.

Back on the farm I sat for the Amateur OCP at Cairns Post Office, and was granted the call-sign of VK4AV. I then built a CW transmitter from another 2JU design using 6F6 crystal oscillator and 807PA., with two-half waves-in phase antenna on 20 meter's. After a year of Amateur Operating I moved to Sydney to do the practical side of the COCP, mainly for tuning Marine and broadcast transmitters. They even had a SPARK transmitter there. After obtaining the COCP in 1948 I eventually got a job with Air Ceylon in Melbourne. Australian National Airways was running Air Ceylon's operations from Melbourne, because the Chifley Labor Government would not give them an Australian licence to fly overseas. The aircraft were Douglas DC4 and the radio gear was the Collins ART 13(TX) and RA1B(RX). After about six months of this I and seven other operators and navigators were sacked because of friction with the government got unbearable for them. Labor Governments hated private Enterprise in those days.

Continued next page.

I then got a job as an Aeradio Operator with the Department of Civil Aviation (now Air Services Australia.) I started at Rose Bay Flying Boat Base doing ground/air point-to- point cw work. Ground-air was Sydney/Auckland and Sydney/Fiji routes. Later we moved to mascot where Domestic G/A was done. Aeradio is now called Flight Services, but is being phased out.

After a few years in DCA I commenced flying training at a flying school in Bankstown on Austers. I eventually gained a commercial pilots licence and instructor rating. All this was done in mt spare time.

After nearly sixteen years with DCA i resigned and started instructing and charter flying with the South Coast Aero Club at Albion Park Aerodrome. Later i did thousand hours Aerial Survey flying with Southbank Aviation on Cessna 320 aircraft mainly in Northern Territory and New Guinea. Back with the Aero Club in 1982 i had a silent heart attack, and so my commercial flying days were over, i had to retire , with ten and a half thousand flying hours in my eight log books.

One Sunday whilst looking through the Science Center at Fairy Meadow I came across a Ham radio exhibit run by Dale Hughes VK2DSH and Eric Fien VK2YEA. They more or less talked me into renewing mt Ham licence. So i eventually became VK2CAV, brought an old Icom 701, and the rest is history.

Many thanks Jim for this profile. Who will be NEXT !!!!!!!!!!!!!!!

A gift from the Government (No not G.S.T)

A Canberra man has picked up a terrific bargain. He was browsing in a warehouse full of ex-government furniture last week, when he spied a WANG PC and a 17 inch monitor on the floor.

The price of the PC was \$40 and the monitor \$30. Thinking they might come in handy for spare parts, he paid \$70 and took the goods home. When he pulled the covers off, he got a BIG surprise.

The PC was a 486 Dx-33 ESIA model with 28MB of main memory , a dual channel scsi-2 disk controller and two 660MB scsi-2 hard discs.

The retail price of the memory alone(7x4mb 72 pin SIMM) is about \$2000. The monitor an ACER 76! Which was labeled "unserviceable", only needed a fuse replaced and some minor adjustments.

To but this item over the counter would normally cost about \$1200. Phone calls to the OC dealers indicated such a configuration would have cost more than \$15,000 when purchased in 1992.

Congratulations are in order to the purchaser, who has undoubtedly scored the bargain of the decade.

A couple of brickbats are due to the public servants who were too lazy or too stupid to look inside the machine before they threw it out.

THE AUSTRALIAN ---- Tuesday August 1st 1995

(Taken from DRAGNET. The official news letter from ST George Amateur Radio Society) Thanks Ron VK2UR for this item.

RENEWAL NOTICE.

Name:.....

Address:.....

Suburb:.....

Post Code:.....

Call:.....

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 or a late fee will apply.

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

Or bring along with you at the next meeting.

This discount voucher can only be redeemed when you renew
your membership in the Illawarra Amateur Radio Society, and
have signed up a new member.

\$5 five dollars \$5

Name of new member.....

Call of new member:.....

Name of member claiming discount.....

Call of member.....

These vouchers can only be exchanged for membership and the amount no more than
your type of membership.

Minutes of General meeting held

on April 8th At Cataract Dam.

In the chair was vk2tth as Rob vk2tnk was away sailing.

Opened at hours 12:35

Attend 27

Apologies from: vk2's zwg, agb, tnb, tnk, zlj, bho, xbc xqx

Visitors: many xyl's and harmonics

Correspondence in: vk2ycv re purchase of fm 828. Money form vk2vzq for 2 fm 828's .W.I.A minutes of meeting 11 December

1999. Australia Post renewal notice

for box 1838. Licence for vk2rbt.

Renewal notice for vk2amw vk2ruw.

Cheque from Illawarra

Communications for Advert in

Propagator.. Cancer council about the big morning tea. Moved

vk2ubf second vk2wrj.

News letters from: Ballarat Amateur Radio Group. Smoke signals Central coast Radio group.

Correspondence Out: nil

Minutes of meeting being has read in April Propagator. Moved vk2ubf 2nd vk2ezd

Matters arising from: nil

Treasurers report : Attached Moved vk2cav second vk2ubf.

Repeater report: Rob spoke of the problems at Maddens Plains and hopes to get on top of them soon. The 70cm repeater is the old stand by one. The new 815 works 100% on the bench but when the site door is closed it starts to play up.

Vk2ris was reinstalled by Bob vk2zrf and is now linked to the 70cm network. Thanks Bob. The 70cm link has had much talk and hopefully some action will happen soon. They

are opting for the HUB system proposed by Rob vk2mt.

General Business: Promotion for those paying membership before July meeting . Moved vk2ubf Passed my all present.

I.A.R.S to work with S.E.S WICEN on a exercise sometime in August more details when to hand.

General meeting will be held: May 9th

Meeting close: 13:10

Raffle won by. Vk2wrj's xyl. A side of lamb.

Snow ball won by. # 62 Miles Gard SWL. Sorry miles was NOT there so it goes to \$40 at May meeting.

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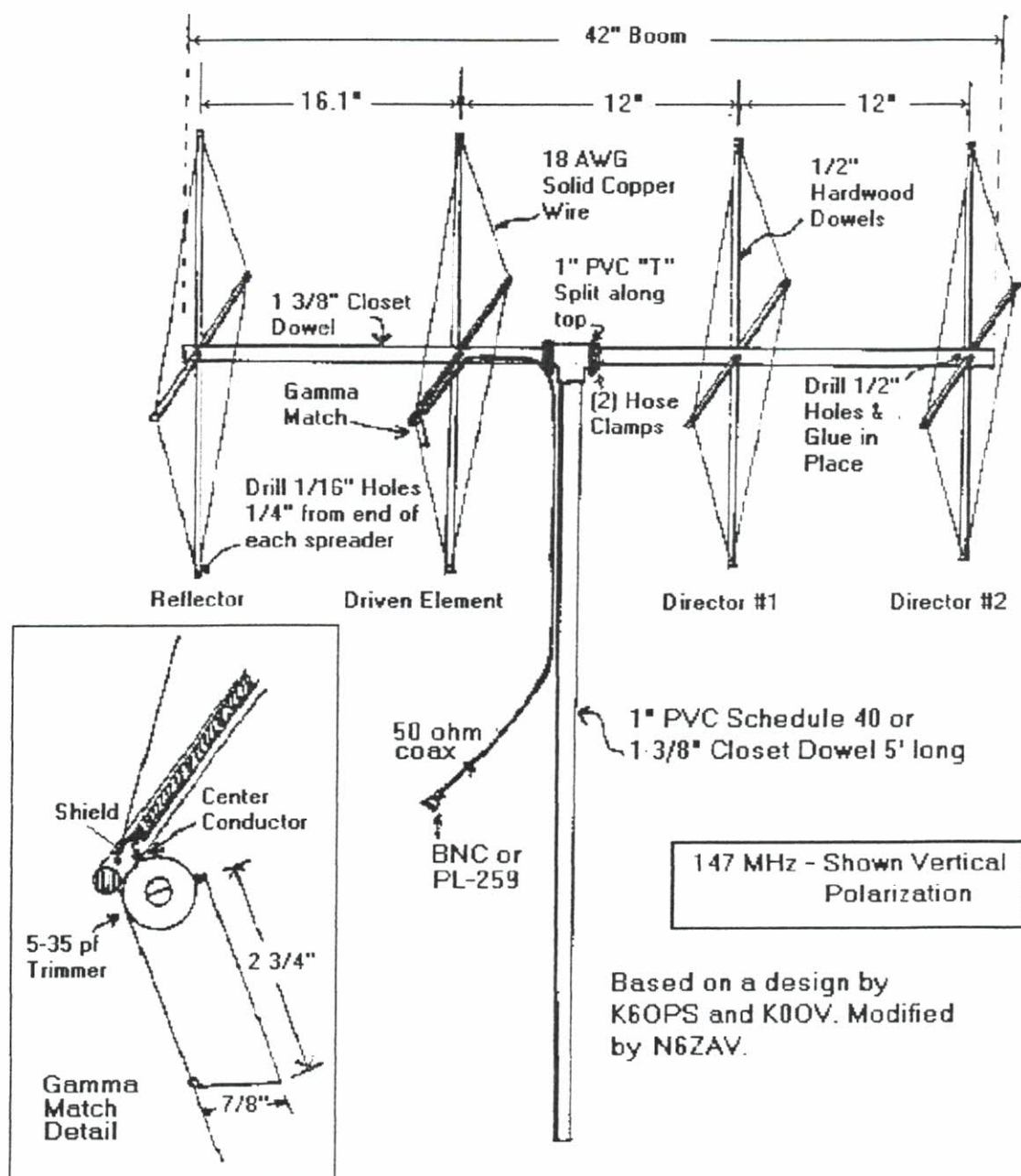
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visit their web site at
<http://www.illcom.com.au>

CONSTRUCTORS CORNER

4-element Strung Quad for 2 meters



Element	Loop Length	Cut Spreader to
Reflector	84.1"	30.2"
Driven Element	82.0"	29.5"
Director #1	79.6"	28.6"
Director #2	78.8"	28.4"

Taken from the internet site www.qsl.net/n6bg/thunt/quad.html

THE ILLAWARRA AMATEUR RADIO SOCIETY INC.
PO BOX 1838 WOLLONGONG N.S.W.2500 VK2AMW

REPEATERS

CALL	FREQUENCY	MODE	LOCATION	LINKED TO
VK2RBT	146.675	VOICE	MT BOYNE	
VK2RMP	146.850	VOICE	MADDENS PLAINS	
VK2RMP	438.725	VOICE	MADDENS PLAINS	VK2RUW,2RGN
VK2RIS	146.975	VOICE	SADDLEBACK MOUNTIAN	
VK2RUW	29.620	VOICE	KNIGHTS HILL	(OFF AIR)
VK2RUW	438.225	VOICE	KNIGHTS HILL	VK2RGN,VK1RGI

PAKET RADIO

VK2AMW-1	144.725	GATEWAY	WOLLONGONG (SOON)
VK2AMW-3	144.825	PAKET	KNIGHTS HILL VK2AMW-4
VK2AWM-4	144.925	PAKET	KNIGHT HILL VK2AMW-3
VK2AMW-5	147.575	PAKET	MT BOYNE
VK2AMW-6	144.700	PAKET	MADDENS PLAINS
VK2AMW-7	147.575	PAKET	MT MURRAY

SATGATE

VK2XGJ	144.700	BBS	DAPTO
VK2XGJ	147.575	BBS	DAPTO
VK2XGJ	440.050	BBS (ROSE)	DAPTO
VK2XGJ	53.100	BBS	DAPTO

CLUB MEETINGS HELD 2ND TUESDAY OF EVERY MONTH EXCEPT
 JANUARY @ 7:30PM IN THE S.E.S HQ MONTAGUE ST NORTH W'GONG.
 COMMITTEE MEETINGS HELD THE 3RD WEDNESDAY OF EVEN MONTHS.
MEMBERSHIP \$20 PA OR \$15 CONCESSIONS EXPIRING AFTER AGM.

PRESIDENT: Rob Skelcher VK2TNK 4226.2909
VICE PRESIDENT: Ted Hawkins VK2TTH 4257 2136
SECRETARY: Brian Farrar VK2UBF 4267 2296

COMMITTEE: Simon Ferrie vk2xqx, John Hodgkinson vk2bho,
 vk2kej John Lawer

REPEATER COMMITTEE: Rob Mc Knight VK2MT, John Lodding VK2ZLJ,
 Chris Stevens VK2XBC, Brian Farrar VK2UBF, Simon Ferrie VK2XQX.

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 VK2CAG, Lyle Patison VK2ALU, Rob Mc Knight VK2MT.

DISCLAIMER: All comments are those of the EDITOR and not of any
 committee or club member. All projects are presented as given and if any
 damage is done to your equipment the club is NOT responsible in any way.

HANDLE WITH ENTHUSIASM



ROB Mc KNIGHT VK2MT
16 LOMBARD AVE
FAIRY MEADOW 2519



THE PROPAGATOR

VK2AMW SINCE 1943

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If undelivered please return to PO Box 1838 Wollongong 2500.