

# WANSARC NEWS

Incorporated in Victoria, 1985 Registration Number: A0007611S

Closing Date for Articles and Advertisements for next issue in June – May 26th

The monthly magazine of the

**Western & Northern Suburbs Amateur Radio Club**



**Melbourne, Australia**



 [www.wansarc.org.au](http://www.wansarc.org.au)

146.450 MHz FM

**VK3AWS**

28.470 MHz USB



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## **NEXT CLUB MEETING - Friday 5th May @ 7.30 pm, at the TAFE**

Greg VK3VT and Ernie VK3FM have kindly agreed to attend the next WANSARC meeting to provide background information and stimulate discussion on motions which will be presented to the next meeting of Amateur Radio Victoria, nee the Wireless Institute Victorian Division. This is a unique opportunity to be fully informed on the content and context of the motions, so that members of WANSARC can consider their position on the motions prior to the Annual General Meeting of Amateur Radio Victoria.

## **Michelle Ampt-VK3FAME – Youngest Amateur in VK**

Hot on the heels of her sister Janice VK3FIRE, younger sister Michelle, at the time only 7 years and 5 months passed the Foundation License exam recently and received her license early April.

Michelle's Callsign is quite appropriately VK3FAME and is one of WANSARC's newest members.

She is without question now Australia's youngest licensed operator, probably one of the youngest in the world, taking great delight in having displaced sister Janice, Nine years then, from the spot she held for a while as VK's youngest ham. WANSARC already has quite a few young members and given the size of our club, probably one of the highest percentages of young Foundation members in a radio club in VK. Michelle and Janice are also members of ALARA.

Both Janice & Michelle are already studying for the Standard License Regulations Exam.

To say their OM is pleased and proud is an understatement. Grandfather, Ian, VK3IV, Horsham is also impressed.

Both girls would like to thank John Wier (NERG) & Jim Linton (ARV) for tuition and examinations held.

Thanks to WANSARC members that had QSO's with Michelle as she was 'learning the ropes', Bob VK3EL in particular.

This proves beyond a doubt that any person with an interest and puts in some time and study is able to obtain the Foundation license qualification, although living in an amateur radio household probably helps a bit!



On Air at last,  
Putting out a call on 146.450



Michelle with her Foundation Certificate



Michelle on the IC-7000  
"Sister's are doing it for themselves..."

~ Aretha Franklin,  
1960's Rock & Blues Signer

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### THE FUTURE OF AMATEUR RADIO VICTORIA AGM MOTIONS

Dear Club Officers & A.R.V. Club Members;

As movers of the following motions at the forthcoming Annual General Meeting of Amateur Radio Victoria, nee WIA Victorian Division, it would be greatly appreciated if you could raise these motions with your club members at your next meeting with a view to forming an opinion on the issues involved. In our view a sensible discussion of the issues is as critical as the decision reached.

#### Motion 1

That the Victorian Division of the Wireless Institute of Australia, trading as Amateur Radio Victoria, be wound up and the resultant funds and property be allocated as follows:

An Amount of \$100 000.00 be given to an organization (the Repeater Organization) which has the express purpose of managing the repeater network in Victoria. Each member of the Victorian Division would automatically become a member of this Repeater Organization.

The remainder be passed to the Wireless Institute of Australia.

#### Motion 2

If motion 1 is not carried then the Victorian Division of the Wireless Institute of Australia, trading as Amateur Radio Victoria, make a donation of at least \$500 000.00 to the Wireless Institute of Australia.

#### Background

We want to point out that this is not an attack on the individual directors nor on the activities that are currently being undertaken by Amateur Radio Victoria. We believe that the resources accumulated as the Victorian Division are really "WIA" resources and should be used for the benefit of amateurs Australia wide.

Since the formation of the Wireless Institute of Australia in 1910 and up to 2004 the only way for an amateur operator to be a member of the Institute was to join a state division. In 2004 agreement was reached between the divisions and the National WIA was created, having individual amateurs as members. Thus the role of the divisions in the running and management of the WIA was removed.

Following this action a number of divisions agreed to transfer their assets to the national body and to cease trading. The Victorian Division decided to continue operating and changed their trading name to Amateur Radio Victoria. This now operates as another radio club in Victoria.

This organization has around \$700 000.00 in assets most of which was amassed as the WIA Vic Div. The membership has about halved during the time that Amateur Radio Victoria has been operating.

#### Reasons for the motions

The membership of the Victorian Division has halved since the Federal WIA commenced operating, indicating that they were members simply to be WIA members.

A number of the remaining members have concerns about the use of the funds that remained in the Victorian Division, indeed that is the only reason they have remained members.

If Amateur Radio Victoria ceases to operate a number of repeaters would not be able to continue operating without funds from another source. Thus the motion allows for a reasonable amount to be set aside for the ongoing operation of repeaters. Currently we spend about \$10 000 per annum on repeaters, the income from \$100 000 should cover this amount for some time and allow for a detailed review of usage, actual requirements and ongoing funding possibilities by users.

Other activities of Amateur Radio Victoria could continue with some small changes - the QSL bureaus could operate as they currently do with funding from WIA and a change of location.

Training and Assessments would continue - maybe under a different name or in conjunction with one of the other clubs - the trained assessors and instructors would still be available.

A focal point for Victorian related issues within the National WIA will be provided by the WIA State Liaison Committee which is due for election in the near future.

There are fantastic people with needed skills who are currently directors of the Vic Division who would be welcomed in the WIA where their knowledge and skills would be of benefit to all amateurs around Australia.

#### Summary

In discussing these motions it is important that club members are made aware that only current members of Amateur Radio Victoria are able to vote and about half of the WIA Victorian Division members did not sign with ARV. The views of non ARV members should be considered by ARV members who have no strong views on the motions.

Clubs should encourage members to attend the ARV AGM, where possible, or be sure to lodge a proxy at the AR Vic office at least 48 hours before the meeting. Proxy forms should be included with the notice of meeting that ate to be sent out soon. Any member who wants to vote for these motions and will not be attending the meeting can appoint one of us as your proxy.

The important issue is that fully informed discussion is held and all members of the former WIA Victorian Division are afforded an opportunity to express their views.

Thank for your co-operation,

Greg, VK3VT, Jim VK3KE and Ernie VK3FM

*The AGM, is to be held at  
St. Michael's Community Centre Hall,  
Corner Victory Boulevard & High Street, Ashburton, on  
Wednesday 24 May, at 8pm.*

*(Enter from Victory Blvd. Ample parking)*

#### HAMS COULD LOSE ACCESS TO 1.25CM BAND

If the Gazetted Proposed Change announced by ACMA on the 16th March 2006 goes ahead, Australian Amateur Radio Operators will lose Primary Access to 24 to 24.05GHz Amateur Satellite segment and be severely curtailed in experimenting in the Secondary Access segment of 24.05 to 24.25GHz.

ACMA state that the proposed variation to the Australian Radiofrequency Spectrum Plan is designed to support the introduction of Ultra Wide Band vehicle radar technology in Australia in the 22 to 26.5 GHz frequency band. ACMA is inviting comment on the proposed changes with the deadline 19th April so that is now already closed.

There are proposed changes to the LIPD Class License 2000 as well.

- *WIA News Website*

#### ACMA INCREASES AMATEUR LICENCE FEES

As of April 3, Yearly charge for an Amateur license increased by \$1.00.

Information on the fee increase can be found at [www.acma.gov.au/](http://www.acma.gov.au/)

- *ACMA Website*

**The Moorabbin and District Amateur Radio club's Hamfest will be held at the Brentwood Secondary College, Glen Waverly Saturday 13th May from 10am.**

**The MDRC Hamfest is said to be Victoria's biggest and this year will be no exception with displays and sales of new and preloved equipment, a must for everyone interested in Radio Communications and electronics.**

**Major door prizes, free tea and coffee, light refreshments and a sausage sizzle will also be on offer.**

**Trader table bookings and general enquires can be made be emailing [vk3gl@aanet.com.au](mailto:vk3gl@aanet.com.au)**

## Around the Shack... continued...

### UPDATED "RADIO THEORY HANDBOOK"

Fred Swainston's new updated "Radio Theory Handbook" will be available very shortly. The book has been printed and arrangements for distribution are being made. So when your Foundation licensees are asking what's next? Or if you are a standard licensee and want to upgrade to Advanced status and take advantage of bands like 30m then Fred's book is for you.

Available from Silverdale Publications 248 Johnston Street, Abbotsford 3067, Telephone 03 9417 2077 or e-mail [trainsafe@silvertrain.com.au](mailto:trainsafe@silvertrain.com.au)  
The recommended retail price remains at \$70.00 with postage at \$8.00.

### RADIO & ELECTRONICS SCHOOL

While on the subject of training, the Radio & Electronics School can post you a 2 CD set that you can load to your PC and teach yourself all you require to sit and pass the Standard or Advanced exams.

They recommend about 40-60 minutes study a day for 4 -6 weeks then do your exam, saying "book your assessment early – a week from starting this course". Contact Ron Bertrand at [ron@radioelectronicschool.com](mailto:ron@radioelectronicschool.com)  
Or phone, between 12pm – 5pm 07 5573 2795

### Commonwealth Games Special Event Callsigns - The Final Report

Amateur Radio Victoria expresses enormous appreciation to its members who activated the AX3GAMES and AX3MCG callsigns during March, and those who made contact with them from around the world.

While logs are still be tallied, it looks like some 10,000 contacts to more than 155 countries occurred, during often difficulty and patching propagation conditions. Some 17 operators on most days of March put the special event callsigns to air using CW, Phone, PSK31 and a few Amateur Television contacts. It will take a month to finalize the design of the QSL cards with a Commonwealth Games theme.

While the 18th Commonwealth Games in Melbourne were officially declared by Commonwealth Games chief Mike Fennell, in his closing address, as being 'simply the best', a very similar accolade is deserving of those who activated the special event stations. Well done!

- VK1WIA News from WIA News Website

### WIA ASSESSOR TRAINING

The WIA Board has approved additional Assessor Training to be conducted during 2006. WIA RTO Co-coordinator Fred Swainston has given the green light for one of the Assessor Training sessions to be conducted in Townsville by WIA Nominated Assessor Roger Cordukes VK4CD.

The session conducted will happen at the TARCinc Club Rooms, SES HQ, Green Street West End on the weekend of 13th and 14th May 2006 .

### New Assessment Packs & New Assessment Instructions

The WIA has released Assessment Packs for the Practical Assessment taken alone and not part of a Foundation Assessment, Standard Theory Assessment Packs, Standard/Advanced Regulations Assessment Packs and will release shortly the Advanced Theory Assessment Pack.

This means that WIA Assessors can conduct all levels of the amateur operator's certificate of proficiency examinations, the qualifications for each of the three grades of amateur license, with the candidates being given their results on the spot by the WIA Assessor.

With arrangements almost finalized to train more WIA Assessors in North Queensland, South Queensland, Sydney and Melbourne in the very near future, it is anticipated that the assessment system will continue to be very busy.

All of these changes have made a further and quite extensive revision of the WIA Exam Service's Assessment Instructions necessary. In addition, new and hopefully simpler forms have been introduced.

The revised Instructions have been sent today to each WIA Assessor, and it will be placed on the WIA website shortly.

The continued development of the WIA Assessment system has involved a great deal of work by a number of people, said WIA President Michael Owen, VK3KI.

From WIA

### Amateur Radio Victoria revamps its education resources

Firstly congratulations are due to Brian Sutton VK3FIMT and Damian Ayres VK3FDFA who have become the very first to qualify for the new Standard License under the assessment system.

So keen were they to upgrade after getting their Foundation License that they joined a four-week bridging course conducted by Amateur Radio Victoria.

They're now awaiting their new call signs. Two others who attended the bridging course will do their Standard license assessments soon.

In response to the changes that have occurred with the introduction of the three tier license structure, the contents and format of the Education On-line Service (Get your license) on the Amateur Radio Victoria website have been updated. In addition to the popular Foundation webpage that began in October 2005, material aimed at assisting candidates for the new Standard License has been now included.

There are now two new trial Standard theory assessments and two Standard/Advanced trial Regulations assessments. These four interactive trials can be attempted on-line and to provide an instant result.

Those thinking of upgrading from the Foundation License will find interesting to read an analysis of the new Standard theory syllabus as it relates to the Foundation license requirements, and compares it to the now superseded Novice theory exam.

To help those studying for the new Standard/Advanced Regulations written assessment is a set of regulations sample questions with answers, and a link to the ACMA's Amateur Information Paper.

A third trial Standard theory assessment will be available later this year and so will a trial Advanced theory assessment.

Amateur Radio Victoria's Education On-line service is designed to assist those studying for an Australian amateur license qualification.

It is a useful self-study resource for prospective radio amateurs and a good source of material for anyone assisting them to become qualified.

### NEXT FOUNDATION COURSE IN MAY - ARV

A Foundation License training and assessments will be held by Amateur Radio Victoria on Saturday 27 and Sunday 28 May.

The venue is at Box Hill North just off the Eastern Freeway. To enroll or for more information contact Barry Robinson VK3JBR 0428 516 001 or email [arv@amateurradio.com.au](mailto:arv@amateurradio.com.au)

-Amateur Radio Victoria.

### NEXT FOUNDATION COURSE IN MAY – NERG's

Trainer & Examiner John Wier tells me that NERG will be having an information night on Thursday 18<sup>th</sup> May, with the weekend of 20-21 of May for training and assessment at the NERG's clubrooms, located at Briar Hill Community Hall, 126 Mountain View Rd, Briar Hill. (Melway map 21-C3).

Check out [www.neg.asn.au](http://www.neg.asn.au) for more information or give John a call on 9431 0667 or email him at [yk3zrv@nerg.asn.au](mailto:yk3zrv@nerg.asn.au)

### WELCOME NEW MEMBERS TO WANSRAC

Seems we need to publish this list more frequently – good news for the club. Some members have been around for a while, some just joined up, or rejoining after an absence – but since last published, the following members have yet to be announced, so welcome to;

Derek	Kealba	VK3TXZ
Allen	Pascoe Vale South	VK3SM
Frank	Reservoir	VK3ZO
Brian	Reservoir	VK3RA
Robert	Macleod	VK3ZLQ
John	Flemington	VK3FMPB
Graeme	Cragieburn	VK3FTTG
Ralph	Northcote	VK3FRNB
Janice	Northcote	VK3FIRE
Nikolaas	Hillside	VK3FNIK
Michelle	Northcote	VK3FAME

So make sure to 'hi' when you hear them on the air.

WANSARC "meet" on 145.460MHz FM, which also hosts the Tuesday Night NET starting at 7.30pm local time each week.

### VICLINK .. GOING .. GOING .. GONE????

Each week, VICLINK work to produce a short wrap of local news for Victorian Radio Amateurs. The growing trend though is that there is little support for a local production. There are very few contributions from clubs across Victoria, those clubs that do send news though it is greatly appreciated. But there comes a time when it becomes a burden to attempt to produce something that is not supported. If there is no change in the next few weeks, then VICLINK will become an occasional newscast only, maybe once a month. I will concentrate on supporting the WIA National News and producing other pod casts.

It's up to you to support your newscast, but if you don't want it, I won't produce it.

Grant Stowell, VK3HFS, Viclink



## Around the Shack... continued...

### SEXY SOCKS – AMATEUR RADIO RETAIL STYLE Late March - Getting 'On Air' VHF&UHF...

As most club members may know by now – your editor is back in the retail game after one of the Sock Stands became available for sale in a quick way. As the wife is busy with her own work, the task of running the stand fell to yours truly, something I have done just nigh on 3 years ago for a few months.

The shopping centre is smaller than a city one, being a local Plaza strip, and located 23km North of the city. After a while and some planning it was decided that some 'company' was needed to help pass the long retail hours in between customers; Amateur Radio to the rescue!

After a few days I was ready to do some 'covert' installation of some gear. I settled on 2 & 70cm FM and 23cm FM as the easiest to get going. A radio, IC-2720H and TM 541A with Power Supply were installed into a space inside the stand and coax run underneath the mat on the floor. For an antenna I tried a ground independent mobile mounted on top of a stock display unit. Soldering connectors to the coax was a risky job – as right smack above me was a smoke detector! Not to mention a security camera! I was soldering the connection while blowing air over it, almost cooling the solder as I joined it all up – all while attending to customers as they peered into the stand wondering what I was up to!

The alarms never sounded and no Fire Trucks turned up so I was OK! Signals received with the mobile antenna were disappointing so it was time to get a bit more adventurous.

I changed the mobile whip for a Diamond X-300. Most repeaters came up 3 – 5 points in "S" points from the mobile whip to X-300 Vertical. For 23cm a Diamond U-5000 was used solely for the 23cm transceiver. That way each radio has its own aerial so no coaxial switching required.



Photo shows the X-300 Antenna mounted on top of the display stand. No UV, wind damage or water ingress to worry about for the antenna! No pager hassles out here either.

As you can see, each section of the corridor has these "A" frames that help 'hide' the antenna from the whole length of the corridor – so its not into view until your at the stand – but with all the stock its not really noticeable unless your looking up at the roof line.

Some school kids saw me on the microphone and said "are you on CB?" So when things are a bit slow I can have a chat to a 'local' – or have a chat to my Dad at Horsham, via the Ben Nevis repeater at Ararat on IRLP as well – no one seems to notice the antenna's – but I might hang a few footy scarfs on them during the day to hide them a bit more!

### Signal Reports Repeaters received around Melbourne – using U5000

S' Points	Frequency	Call	Area
9++	146.700	VK3RML	Melbourne
0-1	146.800	VK3RLV	Latrobe Valley
9++	146.850	VK3RMN	Kinglake
9++	146.975	VK3RSR	Melbourne
9++	147.000	VK3RGL	Geelong
0-1	147.075	VK3RCR	Melbourne
9++	147.175	VK3REC	Melbourne
5	147.225	VK3RWG	Geelong West
9++	147.250	VK3RMM	Mt Macedon
0-1	438.075	VK3RMU	Mt St Leonard
0-1	438.225	VK3ROU	Olinda
9+	438.325	VK3RMH	Kangaroo Ground
3	438.525	VK3RAD	Mitcham

Not bad signals' considering the antenna is inside the shopping centre.

On the first few days I had QSO's on 2 meters, 146.450MHz to; Bob EL (s2), Max ZCW (s2), Bob BU (s7), Ralph FRNB (s4), Mark PI (s9), Harry KBA (s5) Graeme NE (s4) as some of my first local contacts with this setup, but at times the signals will 'flutter' quite a bit.

On 23cm the Melbourne City repeater will not key up, in fact nothing is heard anywhere on this band, but that was fixed up later.



Radio's just where microphone cord starts to curly bit, Power supply 40A with the green digital screen & extension speaker for a smooth sound.

All locks up away out of sight at night. Just the radio "heads" are mounted to see frequency display, the units are deep inside the cabinet.

Coax runs underneath the mat inside the stand area, about a 5 meter run in all, antenna 2 meters above the floor level.

So in between customers we can QSO simplex to at least 50% of club members from their homes and other stations via IRLP during "work".

I even heard Grant VK3HFS tell the Amateur community via Vic Link broadcast on Sunday 2<sup>nd</sup> April about "Sexy Socks on the Air".

One day as 2 meters was on a person stopped at the stand and asked; "Is that 2 meters, what's your Callsign?" After a chat we both realized we had met previously, it was Graeme, VK3FTTG, whom I had assessed the Foundation practical with him at Box Hill many weeks ago and he was now on air.

I told him about our club meeting on Friday, he said he knew and was already going – small world or what! He used to buy his socks from the previous operator of the sock stand!

On Friday Graeme visited and WANSARC has another new member!

## Around the Shack... continued...

### SEXY SOCKS – AMATEUR RADIO RETAIL STYLE, continued...

#### Early April - Improving VHF&UHF & Adding HF...

After dissatisfaction with scratchy signals, it was decided to go the full inside length available, 5 meters height. The 2027H was kept with the current X-300 and an IC-706 MKII brought in as the main rig of duty. A Diamond X-7000 giving 2m/70cm/23cm @ 8.3/11.7/13.7dB gain at 5 meters long was my choice to try out.

That meant the antenna would “sit” above the floor and nearly touches the ceiling inside, only 3 inches to spare!

For HF the AH-4 Automatic Computer Microchip Controlled tuner was coupled up and feeds a wire under the mat to a chrome tube 4.4 Meters high with stock hung off it, the “spinner displays” giving a ‘Capacitance Hat’ effect and increasing the available lower bandwidth.

With the ATU we are supposed to get 1.8MHz – 54MHz with a perfect proper length antenna – which I certainly don’t have, but I do have a good RF ground available in use.

After installation the results on VHF & UHF were not as good as expected, a bit improved but only marginally, with a lot of variation as I walked about near the antenna.

HF was different – just for fun I tried 160 Meters and YES it was there.

In fact any frequency from 1.8MHz to 54MHz was received pretty much inference free, except for a bit of AC buzz, most likely from the centre lighting. 7.07MHz heard well with interstate contacts coming in S 4.

But 23cm was still no good.

With VHF & UHF not as good as I hoped, there was only one quest left – get the aerials onto the roof!

#### Mid April - Going ‘All the way’...

After chatting with centre staff, it was discovered that only 3 weeks earlier, with new O.H. & S. regulations they have installed fixed ladders to all sections of the centre roof. A quick walk about found that cables would fit neatly through the air ventilation along the glass roof top where it met the steel roof top, with a wall top edge only 6 meters away, perfect for mounting antennas, with no obstructions to the city CBD direction.

I was tempted to create another antenna farm, like at home, but I decided I better not push my luck, settling on moving the X-7000 to the roof and using a coax switch to go between 23cm and the IC-706, I figured I may as well take away the 2027H and its indoor antenna. At least this way there would be no E.M.R. concerns and much better signals.

So arriving early before the shoppers, the X-7000 was mounted on top of the dividing wall securely, with an uninterrupted view of the city, 23km away in the distance.

This task done in only 18 minutes!

(If you have seen my roof – I’ve had a bit of practice!)

The 9913 coax slipped through the gap, with only just enough room for the “N” connector to pass through, a 16 meter run, Antenna about 11 meters high from the ground and 4 meters above from the roof line.

#### The final results

After running the coax back to the radio it was time to see the results.

Repeaters received at signals of S 2, VK3RBY, at S 7, VK3REG and S 7, Ballarat VK3RBA, all with NO pager interference heard.

Repeaters received at signals either S 9 or many dB way over 9 are;

On 2 meters, VK3RML, VK3RLV, VK3RMN, VK3RSR, VK3RGL, VK3RCR, VK3RSG, VK3REC, VK3RWG and VK3RMM.

70cm saw VK3RMU, VK3RMH, VK3RAD, VK3RSE and VK3RGL at all S 9 or well over.

A few that I ought to get that are close must have a 123Hz access tone, so I will need to ‘read up’ via the WIA Callbook and sort these out.

In fact the Vic Link broadcast advised that;

On 70cm,

VK3RMM (-) offset is now relocated to 439.850 MHz and also

VK3RPU (-) offset is now relocated to 439.825 MHz.

Putting out a call on 146.450 got me Bob VK3EL returning to say “... aren’t you meant to be at work, your audio sounds different, but your signal strength is similar.”

You should have seen the smile on my face!

Later I copied Ralph VK3FRNB mobile along Springvale Road, with varying signal but workable and NO pagers to annoy the QSO.

In the afternoon Max VK3ZCW and his regular group were all S 7 to 9.

Bill VK3KBL got me full strength by pointing his beam at the city buildings, instead of due north were we are located.

Mark, VK3PI thought I was at home saying “your signals are stronger than your own QTH.”

A sad state of affairs when you have to go to ‘work’ to put out better signals! Wonder if this work QTH qualifies as a “portable” JMFD setup!

#### 23 cm joins the ‘party’

After installing the coax switch and in line with 23cm, Melbourne repeater VK3RCC on 1273.1 MHz boomed in ‘over the 9’.

With that setup I can only hear either 23 or 2 & 70 depending on the choice, not both simultaneously.

VK3RHF on 1273.4 MHz heard well ‘over the 9’ as well, looks like I’m installing a diplexer for 23cm! Had a chat to Ian VK3XIJ with ‘arm chair’ copies both ends, with him at his home QTH, Ian received at S6.

#### Full ‘Dual Watch’ Setup

In the end another run of coax to the roof was completed, with the X-300 installed about 3 meters away from the X-7000. This feeds to the 2027H.

About 50 meters of wire was strung across the roof about 1 meter height for HF – not really a great antenna, but ‘practical’ considerations don’t allow anything better. HF signals are there but marginal, due to noise.

This way it’s possible to continuously monitor the IRLP link of VK3RMH, a spot on HF (or another VHF or UHF spot), The 23cm VK3RCC repeater, as well as the club frequency of 146.450MHz.



The roofline with antennas in the centre of the photo



The X-300 gives about 2-3 S points less than the X-7000, which is expected, but fine for my requirements.

#### The Future...

Bob VK3EL came and paid a visit, seemed very bemused with the setup – especially the antics on the roof, shaking his head saying “...I don’t know how you get away with it!”

Had a chat to Chris VK3FY on his way to work and good signals both on 70cm and the club frequency with him mobile.

After informing Chris of what I had been up to, he suggested a full mast of stacked Omni’s and work some ‘troppo’ on 6 meters.

I don’t know about that – but a Discone and a scanner might be fun...

Hope I find time to look after the customers between QSO’s!

But I better sell some more stock to make some room for the Mini Bar! (hi)

73’s from Sexy Socks err umm, sorry, I mean Mick, VK3CH...



## WANSARC Classifieds

**PLEASE LET MICK, VK3CH, KNOW WHEN YOU DISPATCH ITEMS, SO LIST IS UPDATED!**

### FREE TO A GOOD HOME - FROM JOHN - VK3KJW

John has to clear out some items from his place to make room – in a bit of a hurry actually so anyone WANSARC member or not; call him on 9478 0305 or when he's on the air on 146.450MHz (QTHR)

(10) VDU's varying in size 13" to 15"

(50+) 3.5" Floppy Disks, many containing games, utility programs

(50+ 5).25 Floppy Disks – brand new unused

(4) Microwave ovens, just for bits – 2.4 gig anyone!

(4) RTTY Machines – all in working order

(25+) 20 liter plastic drums – about 18" square

(10) Computer 101 Keyboards both old + new PS2 plugs

Lengths of 15 feet by 6 or 8 inch by 1 inch thick new builder's timber and Lengths of galvanized steel tubing 1.5 – 2.5 inch diameter, 12 to 15 feet length.

All prices will be pretty cheap – make an offer...

### FOR SALE - FROM ALLEN - VK3SM

Allen has these items for sale to anyone in WANSARC, contact him on 9386 4406. (QTHR) Half sale proceeds go to WANSARC.

(1) Frg-7 receiver complete with handbooks

(1) Voltrol 240 volt variable transformer about 10A

No idea what price to post - Make an offer...

### FOR SALE - FROM MICK - VK3CH

NetComm NB5Plus4/W ADSL/ADSL2 Modem Router.

Never used, brand new still in the box with all accessories.

Happy to demonstrate, all manuals, cables, SMA Plug, Power Supply, CD. Auto detects, configure and install.

Paid \$160, Hagglng starting at \$100.

Includes receipt and manufactures warranty.

Contact Mick, VK3CH vk3ch@wia.org.au

Mobile – 0434 149 045



### FOR SALE - FROM MAX - VK3ZCW

The sale proceeds of these also go 100% to WANSARC.

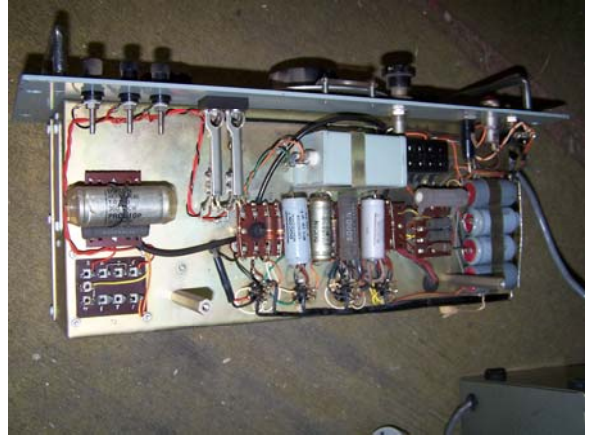
#### AUDIO SIGNAL GENERATOR FOR SALE

It's an Audio Signal generator "Oscillator Type 213A".

In good order, built properly like all gear back then. Offers at the club meeting or tell Max on his Net of your interest.

If you want to know more technical details, ask Max on air and he can tell you all about the unit.

It's going, in perfect order. Make an offer...



Inside view of the Signal generator

### FOR SALE - FROM MAX - VK3ZCW

The sale proceeds of these goes 100% to WANSARC. Dimensions are 18 inches wide, 16 inches deep and 33 inches high, done in a teak finish.

The loudspeakers appear to be a 12 inch diameter multi-purpose type and possibly may be Wharfedale, (a very good speaker make) but due to the design of the cabinets, hard to confirm the maker. (Due to the risk of some damage happening to the cabinets to gain access to inspect the innards).

Professionally made, very nice clean looking pieces of furniture. Inspection / collection can be arranged with Max VK3ZCW (QTHR), or email Mick, VK3CH with your offer.

Price - ??? – make an offer...



Latest listings will appear on the "Trading Table" section of the club website, [www.wansarc.org.au](http://www.wansarc.org.au)

## BITS and Pieces

Do you know this man? Yes, Jock VK3UB paints a very good picture however does the smile resemble that of a “wise fox?”

Well, yes it does. Recently a number of old “The Victorian VHFer” magazines from 1971 – 72 were given to me and aside from being a very good magazine to behold our very own Jock VK3UB was a very proficient FOXHUNTER on VHF in the early days of WIA VIC Foxhunts. Extracts reveal that Jock and his team (Jock will have to fill us in on the team) consistently won or were placed in the hunts.



Let me dispel any thoughts that readers have of the fox using a small dipole antenna and small portable rig – Ray Proudlock VK3YAP reported in the May 1972 VHFer that the “transmitter in use ran 10 watts RF but was very heavy (60AH battery,, transmitter, DC-DC converter, Box – weight 70 pounds)”. VK3YAP and Maurice VK3YPZ found an ingenious way in which to transport the gear – a billy cart! And in terms of planting the fox some very ingenious locations were invented, such as antenna’s buried in the sand of Sandridge Beach with 100 feet of coax buried in the sand as well.

It may be an opportune time for Jock to give our members some insight into Foxhunting in the “I had to build it” era!

- WANSARC members have certainly benefited from the legacy of our former member, the late Jack VK3BKN, in the form of radio and electronic equipment. Ralph VK3FRNB now has a 2m Ringo in the air with excellent signals from his low power rig. Alex has been tinkering with his FT7 (an excellent HF rig) and Russell VK3BMR has been delving into the realms of his pre-loved TS520. Some further items are available for sale to club members, including a 12V/240V B&W television set, HF whips specifically for 3.6MHz, 21MHz and 28MHz, a scanner (for a computer) and an old VHF 38-60MHz ex-Army transceiver. Items will be available at the next club meeting – note no offer will necessarily be accepted i.e. Make an offer which is reasonable. All proceeds will be given to Jack’s son, Geoff.
- Readers may be interested to know that it is 80 years since the first official Wireless Patrol was commissioned for Victoria Police. Experiments with a Morse receiver in a vehicle commenced in 1922 with a transmitter being permanently installed at Russell Street Police HQ in 1926. Initially calls were received by the Wireless Patrol via Morse code. Communications has come a long way in 80 years.
- Anyone interested in a bulk purchase of RG213 coax? The more wanting coax the better the prices.



### 73 de Mark VK3PI

Looking for an instructional manual or workshop manual for a transceiver?

Or perhaps a service book for an old television? There is always the internet, with sites such as [www.mods.dk](http://www.mods.dk) and many others. But the hard work might be already done for you with Bob, VK3BU having collected a great many manuals over the years, with CD's & DVD's full of them.

If you're stuck trying to locate a particular book, or don't have internet access or only a slow dial up connection, it might be worthwhile contacting Bob at [rgoullet@optusnet.com.au](mailto:rgoullet@optusnet.com.au) or having a chat to him, he is usually on the Tuesday Night Club Net on 146.450

For a \$1 to cover the CD costs, Bob will be able to get a copy to you if he has it.

So if your about to adjust or service a rig and don't have the book handy – contact Bob – you could be in luck. Remember – RTFM!!!

# WANSARC VK3AWS

**PRESIDENT:** Graeme McDiarmid VK3NE [vk3ne@wia.org.au](mailto:vk3ne@wia.org.au)

**SECRETARY:** Mark Stephenson VK3PI Telephone: 0400 443 218 [vk3pi@optusnet.com.au](mailto:vk3pi@optusnet.com.au)

All correspondence to be addressed to the SECRETARY: PO Box 336, RESERVOIR 3073

## WANSARC CLUB PROFILE

### History

The Western and Northern Suburbs Amateur Radio Club (WANSARC) was first formed in 1969 and since then has served the needs and interests of amateur radio operators, short wave listeners and those interested in hobby radio and electronics. The club is not gender specific, having both female and male members. Members come from all walks of life with a mix of experience, young and mature, novice and technical. The most important aspect of the club is the willingness of all members to share their knowledge for the benefit of others. Members mainly reside in the west and north of Melbourne; however membership is encouraged from all interested.

### Meetings

Building K, Northern Metropolitan Institute of Technology (NMIT), St. Georges Road, Preston (Western side between Bell Street and Cramer Street) Melway 18 E12 *PARKING at NMIT- Members please note that parking adjacent to the club room building K is illegal and NMIT staff WILL book any cars which are parked in that area. ALL members must park cars in the main car park to the WEST of building K. Just look for vehicles with lots of aerials!* Meetings held on the 1st Friday of each month (excluding January) commencing at 7.30pm local time.

Talk in on 146.450MHz FM—call club station VK3AWS.

### Benefits

Free technology and related presentations, sponsored construction activities, discounted (and sometimes free) equipment, network of like minded radio and electronics enthusiasts, excellent club facilities and environment.

### Club Nets

146.450MHz FM each Tuesday evening commencing 7.30pm local time.

Sometimes the NET is linked to Echolink. This link is only brought up on the frequency of 146.450 MHz during the running of the WANSARC Net on Tuesday nights and *only when VK3FY is present at his QTH.*

### More Information

**Website:** [www.wansarc.org.au](http://www.wansarc.org.au)

**Committee:** Chris VK3FY,  
Dan VK3DWH,

Bob VK3EL,  
Tony VK3BZT

**Postal:** WANSARC PO Box 336 RESERVOIR 3073

## *A proud tradition of supporting hobby radio and electronics enthusiasts since 1969*

All editors' comments may not always represent the opinions of other club members of WANSARC.

In any case anything stated is to promote interest and active discussion on club activities and the promotion of Amateur Radio in general.

Contributions to WANSARC are always welcome from any part of the world. You can either post material to the Post Office Box address at the top of this page, or email your submission to the editor direct at [vk3ch@wia.org.au](mailto:vk3ch@wia.org.au)

Email attachments not to exceed 1 Mb in file size. Attachments of (or thought to be) executable code will not be opened.

Other persons or radio clubs may edit or copy out such as they like from the magazine but a reference to WANSARC is appreciated.

Other articles that are credited to outside sources should be asked for their permission if they are used.

While we strive to be accurate, no responsibility will be taken for errors, omissions, or other perceived deficiencies, in respect of information contained in technical or other articles.

Any dates given for upcoming events should always be checked with a reliable source – coming up on the weekly WANSARC Tuesday evening NET on 146.450 MHz starting at 07:30 pm AEST is recommended to discuss and confirm information and any dates.

If not delivered within 7 days, please return to:  
WANSARC P.O. Box 336 Reservoir 3073

**“WANSARC NEWS”**

*Monthly journal of the*

**Western & Northern Suburbs Amateur Radio Club**