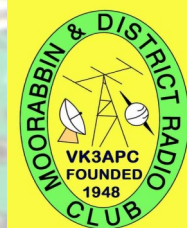


# APC NEWS



Above: The Crowd of Buyers at this years Hamfest



**The ICOM stand at our Hamfest was popular with the newSDT the IC7300 on display.**

© All material in this magazine is subject to Australian Copyright Laws. Contact the editor if you wish to reproduce any of the contents.

# CONTENTS

Item	Page
2016 Hamfest	6
April Talk	16
ANZAC Day Event for Scouts	18
Club Nets	27
Club Meetings	28
Coming Events	25
Committee members	29
March Talk	13
SOTA Stuff	8
Subscriptions	24
The Editor's Desk	4
The President's Piece	5
Trade Discounts	26



**BUILT SOMETHING?**  
**BEEN SOMEWHERE?**  
**DONE SOMETHING**  
**INTERESTING?**

Tell the Editor. He needs material for the next issue of APC News. Please include pictures too.  
Email: [vk3apc@wia.org.au](mailto:vk3apc@wia.org.au)

## THE EDITORS DESK - Ron VK3AFW



**T**he Club's annual hamfest was held on Saturday 7th May and was very successful. Good weather and a decent roll-up of attendees helped.

The Club members have been out and about. We have the pictures to prove it. However there is no doubt many members do not tell us what they have done. Why not?

This brings me to the point of this editorial. I took on the Editors job at a time when I thought the Club needed a magazine to hold it together by publicizing what was happening and who had done what. Times change. Now members seem to be more active with their own blogs. Much of our business is done via old fashioned email.

Instead of a magazine would the Club be better with email and a Club Blog? Members could link to their own sites and discussions could take place on line. It would be similar to our email activities but a bit more public.

What do you think?

73,  
Ron, VK3AFW

## THE PRESIDENT'S PIECE

Nothing received at the time of going to press as we are currently without a President.

;

*Yesterday, when on the air,  
I worked our president who wasn't there.  
He wasn't there again today,  
I wish, I wish he'd come to stay.*





# 2016 HAMFEST



Left, R to L. Tony VK3CAT, Noel VK3BMU and Tori Lewis fed the multitude on eggs, bacon, hamburgers, sausages and onions in bread all day.

Denis VK3BGSand Kaye VK3FKDW held the door, Gerard VK3GER, Ken VK3KIM manned the Club table, Ian VK3IFM collected the money, Lee VK3GK organized the traders and tables, Graeme VK3GL handled some of the logistics and Cohen VK3HCL did the PA work.

Others mucked in as required. Thanks all.

## 2016 HAMFEST cont'd



Above: Traders and buyers and rag chewers. Picture by Terry VK3YX.

The Eyeball QSO room with free tea and coffee was packed for much of the day.

# SOTA STUFF



(c) Oscar Gonzalez H.  
www.fotoil.com

Paul VK3 DBP is now a SOTA Shack Sloth. Congratulations Paul.

Other Club Members have been active with SOTA. The following pictures cover some activations by Ron VK3AFW and Derek VK3XY. Check out the blogs by Tony VK3CAT <https://vk3cat.wordpress.com/> and Brian VK3MCD <https://vk3mcd.wordpress.com/> for their exploits.



## SOTA STUFF cont'd



Ron on Mt Dandenong operating JT65 digital mode. Note the custom box to allow the screen of laptop computer to be read in sunlight. Equipment included a Tigertronix audio interface, LiPo battery, FT817, manual ATU and end fed wire. The location was within the Dandenong Ranges National Park as well as the activation zone..

## SOTA STUFF cont'd



The view from the lookout an Mt Dandenong

## SOTA STUFF cont'd



Above: Left Derek VK3XY/P on Mt Warrenheip. Right Mt Buninyong from Mt Warrenheip. Derek and Ron VK3AFW activated both these peaks plus VK3/VC-032 (Camp Hill), concluding the day at the Ballan Hotel.



## SOTA STUFF cont'd



Above: Derek VK3XY/P setting up n SOTA summit VK3/VC-032



# MARCH TALK



## DISPLAN Communications Agencies

### WICEN's role

- Radio Communications for, and between support agencies
- Supplementary and support communications to combat agencies
- Service to the community where conventional communications facilities are not available
- Response to the police DISPLAN co-ordinator or the Victorian State Emergency Service

Gerard VK3GER (above) was our guest speaker for March. He talked about WICEN, its current purpose and use of modern digital programs.

# MARCH TALK cont'd

## A Community based service

- As a community service, VICEN provides safety communications for charity and fund-raising events such as the Murray River canoe Marathon, the World Vision Walk Against Want, the Oxfam trail walker, and numerous other events such as car rallies and bike rides

# MARCH TALK cont'd

WICEN VIC uses three digital radio systems:

TRACK/Packet. This is a dedicated packet radio program developed by Paul VK3YYF.

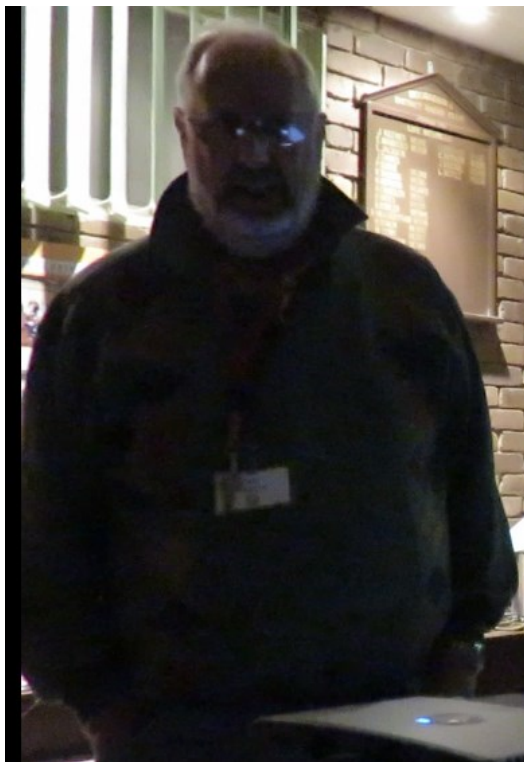
RMS Express/Winmor/Winlink2000. This is essentially email by HF radio.

Emcomwin/Pactor. Special software for emergency communications messaging developed by Donald VK3BPD.

Another digital application APRS, the Amateur Position Reporting System has been found useful for tracking members of the team.

Gerard walked the audience through the topics with examples provided. An enlightening talk carefully presented. Thanks Gerard.

# APRIL TALK



Ian VK3IFM gave a talk and demonstration on scanning and processing of old photographs using digital techniques. A Video record of the talk along with copies of the overheads is on a USB stick which is circulating amongst Club Members. Ian teaches this topic at U3A so we were privileged to have his tutorial.

One demonstration showed dramatically how much detail is sometimes hidden in shadows and how this can be recovered.

Left is an underexposed still from the video of Ian. Now check the recovered image on the next page.



# APRIL TALK



Now we can see detail previously buried in black. Of course it's not perfect but it is useable whereas before it was not.

Things that Ian demonstrated: included:

- Recovering detail in black and white images
- Removing creases, cracks, dust and specs on images.
- Removing “red eye” on color photos
- Cropping and rotating images.
- Changing Color cast for more natural appearance
- Adjusting brightness of parts of a photo

Thanks Ian.

# ANZAC DAY AMATEUR RADIO SPECIAL EVENT FOR SCOUTS

The Brighton Scout Hall was the focus of ANZAC day activities in which Club Members Murray VK3MT (Event Convener) , Joe VK3YSP, Julie VK3FOWL, Colin VK3UDC and Ron VK3AFW contributed.

Colin provided a selection of items from our Museum, all of which were of significance to the ANZACs. These were, AR7 communications receiver, Type 108 back pack field radio, Type A Mk III spy radio, sealed bathtub Morse key and a crystal set similar to that used in WW1.

Old training manuals and a cutaway view of transistors were also displayed.

# ANZAC DAY EVENT FOR SCOUTS cont'd



Left.  
Colin VK3UDC  
demonstrates a  
Morse key to a scout.  
A visitor studies the  
Museum display. The  
historic display for  
scouting is visible at  
the back of the room.

# ANZAC DAY EVENT FOR SCOUTS cont'd



Left.  
Julie VK3FOWL  
and several  
scout constructors  
at work.



# ANZAC DAY EVENT FOR SCOUTS cont'd

Right.

The highlight of the day was a launch of an instrumented balloon by Joe VK3YSP and his team. The helium party balloon lifted a 50 gram payload which included a GPS receiver, battery and battery voltage and temperature sensors and a 70 cm telemetry down-link.

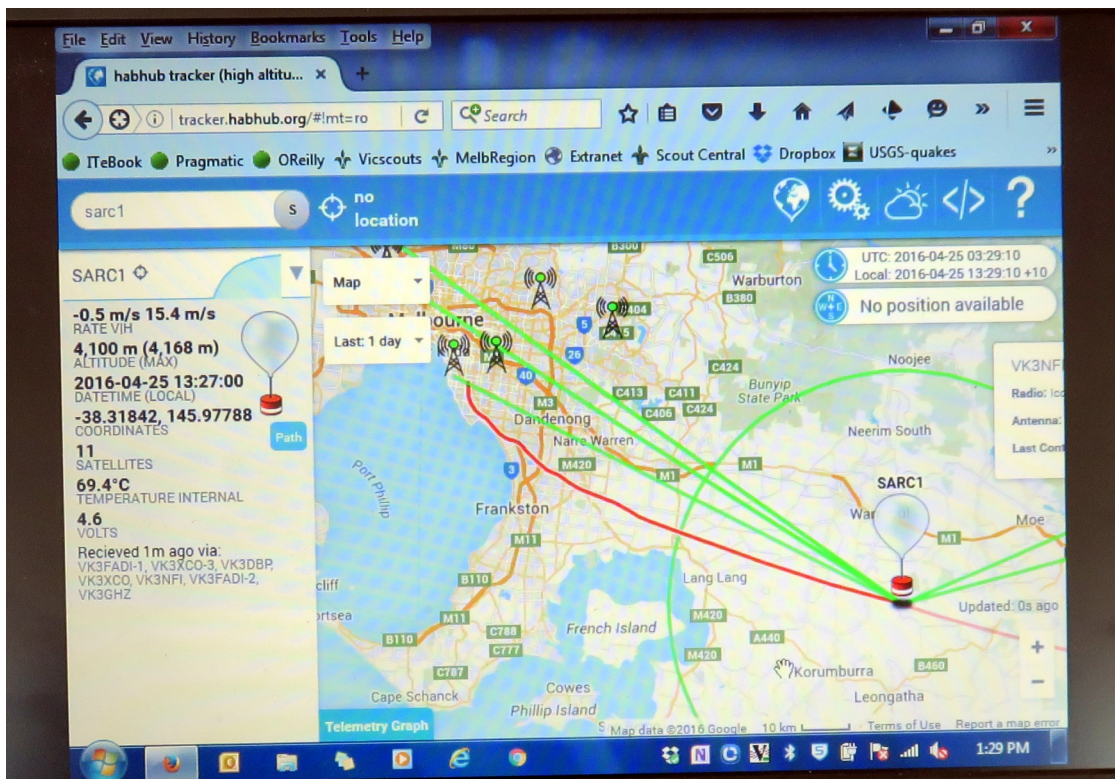


The balloon missed the light pole and clears the trees on its way up to 4,000 m.

# ANZAC DAY EVENT FOR SCOUTS cont'd

Right.

The position of the balloon and other parameters were uploaded onto the internet and tracked by scouts with smart phones.. The battery died when the balloon was about 40 km south of Lakes Entrance and continuing SE at just over 4,000 m.



# ANZAC DAY EVENT FOR SCOUTS cont'd

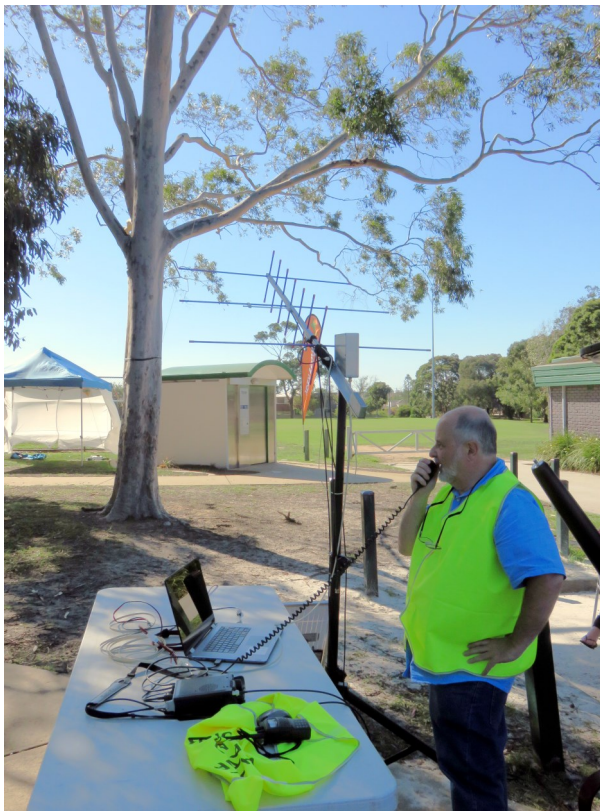
Right.

Joe VK3YSP calling CQ via an amateur satellite. The beam steering system was described in May's edition of Amateur Radio.. Stations in NZ, VK2 and VK4 were heard at good strength.

A conventional HF station was set up nearby.

There were also hidden transmitter hunts and first aid practice.

A busy but interesting day for the scouts and friends.



# SUBSCRIPTIONS

**THE AGM WILL BE HELD IN.AUGUST.**

**If you want to stand for office or vote then you must be a financial member.**

**Subscriptions are due on 1 July.**

# M&DRC MEETINGS, ACTIVITIES AND SPEAKER SCHEDULE

MONTH	DATE	SPEAKER	DATE	ACTIVITY
May	Friday 13th	Digital Radio, Peter VK3TE	Saturday 21st	Informal meeting. Room and garage clean up and natter
June	Friday 10 <sup>th</sup>	TBA	Saturday 25th <sup>h</sup>	Informal meeting. Room and garage clean up and natter
July	Friday 8th	TBA	Saturday 23rd	Informal meeting. Room and garage clean up and natter
August	Friday 12th	AGM	Saturday 27th	Informal meeting. Room and garage clean up and natter



there or





# TRADE DISCOUNTS

## FOR CLUB MEMBERS at ALTRONICS and JAYCAR.

Moorabbin and District Radio Club Inc. members can now buy over the counter at Trade prices from both **Altronics** and **Jaycar**. When making a purchase ask for Trade Discount and for **Altronics** quote the Club's Trade account number **32323** and your **call sign** or for **Jaycar** quote **FK000921**. **This is NOT a charge account so you use your money.**

**Note: Minimum purchase of \$20 may apply.**

Check out these companies at their websites.



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



**Get your Club photo ID  
discount card NOW**

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

# CLUB NETS

## VHF net.

Wednesdays: **146.550 MHz FM**  
Starts at 20:00 (local)

## HF net

Wednesdays: **3.566 MHz ( $\pm$  QRM) LSB.**  
Starts at 20:30 (local).

**Note: this is in recess but do feel free to come on and call.**

## Drive Time net

Week days: **146.550 MHz FM**  
Starts at about 16:40 (local)

Please drop in and join the Nets and catch up on the latest happenings around the Club.



**D- STAR repeaters are now operational.**

For more information about D-STAR go to the Club's web page **[www.mdrc.org.au](http://www.mdrc.org.au)** click on the link to Susan VK3ANZ's Newbies Guide to Using D-STAR

## CLUB MEETINGS

**Formal Meeting.**  
*Second Friday night of the  
month, 8:00 PM and*

**Informal Meeting.**  
*Fourth Saturday morning of the  
month 10:00 AM*

**Check the web site and the  
weekly Club nets for the latest  
doings.**



### **COFFEE GROUP.**

**Every Tuesday morning -  
10:00 AM to 11 AM.**

Retired? Come along, swap  
yarns, bits of gear and info or  
get helpful advice all with a bis-  
cuit and a cuppa.

**Visitors are always  
welcome.**

**Free disposal items for  
financial members at most  
meetings**

## COMMITTEE MEMBERS AND OFFICE BEARERS

<b>President:</b>	<b>VACANT</b>	
<b>Vice President:</b>	<b>Lee VK3GK</b>	
<b>Secretary:</b>	<b>Ken VK3KIM</b>	millisk@hotmail.com
<b>Treasurer:</b>	<b>Brian VK3MCD</b>	bmcderm@tpg.com.au
<b>Committee members:</b>	<b>Gerard VK3GER</b>	
	<b>Graeme VK3GL</b>	
	<b>Mike VK3FRTM</b>	
<b>Combined Clubs Reps:</b>	<b>Ian VK3IFM and Ken VK3KIM</b>	
<b>Publicity Officer</b>	<b>Noel VK3BMU</b>	
<b>Repeaters</b>	<b>Graeme VK3GL</b>	
<b>Webmaster:</b>	<b>Ken VK3KIM</b>	millisk@hotmail.com
<b>Museum Officer</b>	<b>Colin VK3UDC</b>	
<b>Speaker schedule</b>	<b>Gerard VK3GER &amp; Ron VK3AFW</b>	
<b>Education and Training</b>	<b>Graeme VK3GL</b>	
<b>Station Officer:</b>	<b>Tony VK3CAT</b>	
<b>QSL Cards</b>	<b>Denis VK3BGS</b>	
<b>Librarian:</b>	<b>VACANT</b>	
<b>Magazine Editor:</b>	<b>Ron VK3AFW</b>	vk3afw@optusnet.com.au

Like to join the committee? Nominate! The AGM is held in August each year.