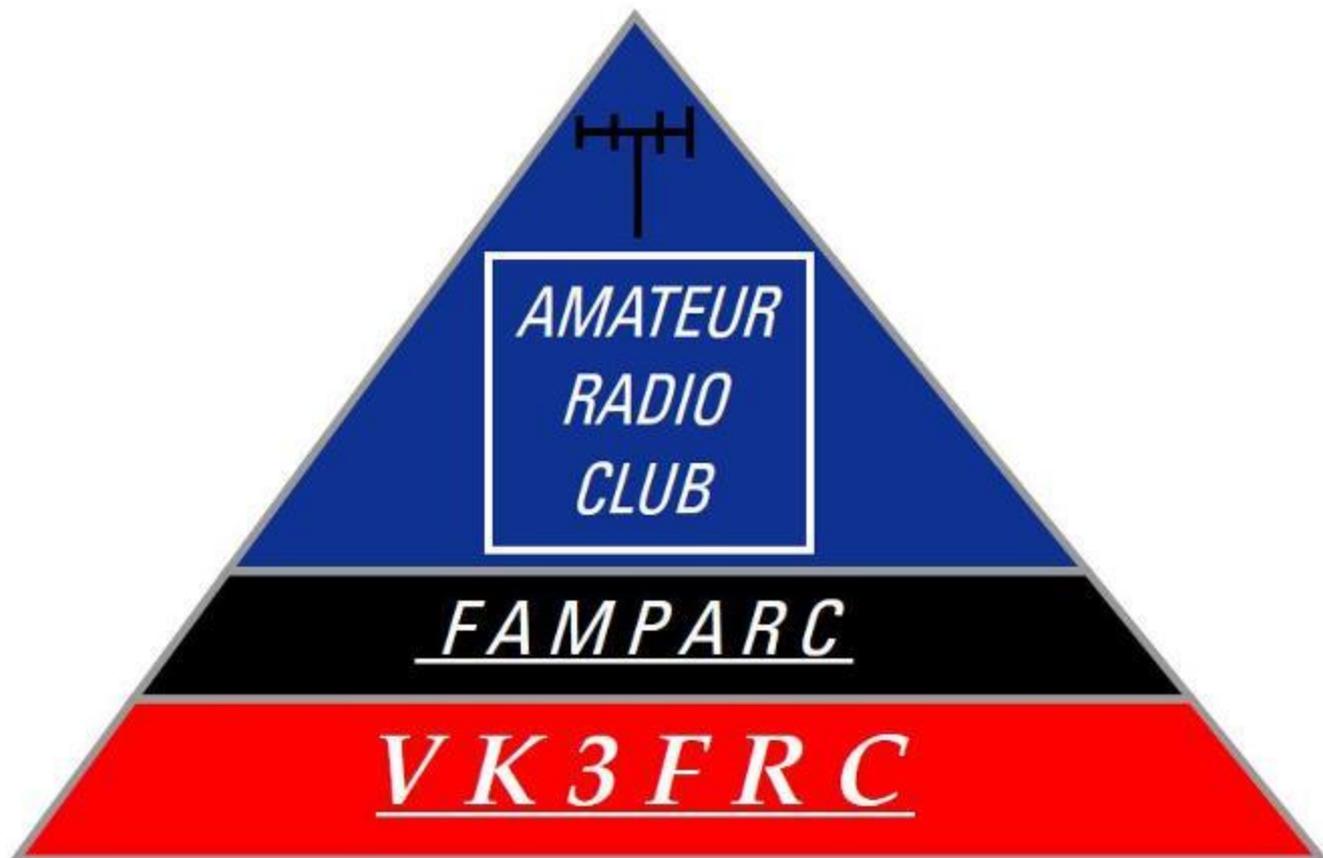




FAMPARC - VK3FRC

FRANKSTON AND MORNINGTON PENINSULA AMATEUR RADIO CLUB Inc.

November / December 2013



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COMMITTEE MEMBERSHIP

President	Roy Seabridge	VK3GB	5971 4782
Vice President	Allan Bengtsson	VK3AB	9584 5685
Secretary	Peter Collins	VK3IJ	9551 4591
Treasurer	Brian Rich	VK3VBJ	9747 3872
Committee Member	Michael Lammer	VK3UUU	0428 880 500
Committee Member	Ken Halse	VK3ZER	9773 2563
Committee Member	Barry Gardner	VK3THE	
Committee Member	David McAulay	VK3EW	0417 358 095
Committee Member	Andrew Stewart	VK3AEJ	0430 476 489
Committee Member	Bill Grypstra	VK3MMM	9781 2886
Other Committee Positions..... (Note these are A/H Numbers)			
Exam / Class Admin (Temp)	Allan Bengtsson	VK3AB	9584 5685
VK3 Nominated Assessor	Peter Willmott	VK3TQ	0434 623 423
WIA Exam Assessor	Michael Lammer	VK3UUU	0428 880 500
Contest Manager	Roy Seabridge	VK3GB	5971 4782
Class Instructor	Ken Halse	VK3ZER	9773 2563
Public Officer	Jeff Fletcher	VK3EUL	0419 877 447
QSL Manager	Bill Grypstra	VK3MMM	9781 2886
Equipment Officer	Bill Grypstra	VK3MMM	9781 2886
Homepage & Newsletter	David Roitman	VK3LDR	0439 037 203
Newsletter Assistant	Peter Collins	VK3IJ	9551 4591

All Surface Mail & QSL to P.O. Box 65, Patterson Lakes Vic 3197

The club location is Cornish College, Riverend Rd Bangholme Melway Map ref 93 J11 or UBD Ref Map 276 A3. **Please take careful note for Sth heading traffic, take Wells Rd not the freeway.**

Follow the road into the college, observing speed limits, take a left turn at the roundabout, go left around to the car park and turn left at the tennis courts, then follow slowly to the club. In winter please do not park on the grass and please angle park on Saturdays. We would be happy to see members, guests and anyone interested to come along.

- **Weekly Net:** Tuesdays at 8pm club members (and friends) meet on 146.425 MHz controlled by Bill VK3MMM.
- **Weekly Wednesdays 9am - 2pm at the club rooms.**
 - Meet other club members no longer in the work force and reflect on those busy days. Some work may be done on projects at your leisure.
- **Weekly Saturdays 9am - 2pm at the club rooms.**
 - Get together by club members (and friends). Have a chat on HF or VHF, join in with various projects, or at least discuss them over a cup of coffee.
- **Last Saturday of the month.**
 - Member business meeting starting at 10.30 am
- Club Regular Frequencies: 2m 146.425MHz Simplex & 70cm 439.900MHz Duplex
- D-Star Repeater: 2M Port C 146.7625 MHz Output & 70cm Port B 438.125 MHz Output

A few words from the president

Dear Members,

As there has been some talk and activity regarding the remote access to the clubs HF radio I thought I would bring members up to date with the present situation.

Members may be aware that a few weeks ago it was decided to spend the money raised from the sale of equipment donated to the club by Barry VK3BAP (SK). It was proposed and carried that the club should purchase an Elecraft KX3 HF radio and Pigremote wireless internet access controller. These items have been purchased by the club and installed at the club by Peter VK3IJ and Colin VK3CR. As you can imagine this is at the front end of modern amateur radio technology and it has not proved to be an easy passage. However, Peter and Colin has worked diligently and slowly but surely have progressed. Colin is currently on holiday soaking up the sun and has missed the latest advancement in their endeavors.

On Sunday 27th October 2013 I had a telephone call from Peter asking me to switch on my radio at home and listen on 7.135 After switching on my radio and settling into my seat I heard Peter's voice calling me. Peter had succeeded in remotely accessing the clubs KX3 radio and was transmitting SSB from the club station to me. During the test Peter turned the output of the KX3 down to one watt and then back up to ten watts. Various other tests were tried by Peter and all proved to be successful. I congratulate Peter and Colin for their persistence in making the first remote access and SSB transmission from the Fam-parc club house. There is still plenty of work to be undertaken by Peter and Colin, however, I feel sure club members will be exceptionally pleased to know the level of progress that has currently been made.

At the end of the month business meeting held at the club house last Saturday an unusual lively debate developed over the High Power trial conducted by the ACMA. There were various opinions offered and most if not all had valid points. My opinion for what its worth is we should concentrate on what we need to do in terms of study and learn of any dangers that may be present when running high RF power from out home station. It is after all, **your** licence requirement. The good news is the WIA has reported the ACMA is willing to consider running a similar trial next year.

I believe the ACMA is equally disappointed in the obvious poor results following the trial period. As an advanced licence holder you can guarantee there will be a firmer/stronger high power test paper next year. However, having advanced notice of a new high power trial. There should be no reason why those that wish to run high power and are prepared to take some sort of test should not be fully conversant with their responsibilities in the carrying out and understanding of potential dangers when running high power from their home station.

Roy. Famparc President

A few words from the EDITOR

Dear Members,

Our house sale/purchase all executed ok and we moved in early September. We had some minor teething problems with our power retailer which resulted in no power till 7pm on Friday night so the kids stayed another night with grandparents. Our ISP also managed to take almost a month to activate our Internet service but did credit us a month free. We've settled in well enough, but still some boxes around of things to sort through and unpack and a cupboard to install into my shack/study and doors yet to be arranged for the shack/study as well.

A mast has already gone up at the back of the house, clamped to an existing hockey stick mast (handy!) which about a week later after the high winds actually twisted over. Now the hockey stick mast is slightly crooked after I forced it back straight but it'll never twist again as I've fastened the 3 guy wires securely. I put up the same fan dipole I had previously been using, half of it hanging over the back garden partially running over a metal shed and the other half running over the top of the house roof. The HF Noise floor on 40m is higher at the new QTH compared to previous and there is a constant buzz noise floor on 10m as well but most other bands are the same. Contacts into Croatia and Spain have at least confirmed DX operation and some local VK3 as well as VK2/VK5 contact so the it's performing ok! I have not yet put up any VHF/UHF antennas and this might be a little challenging as the fascias are actually colorbond as opposed to timber so there's nothing to bolt any other hocket stick masts too. I might have to bolt another hockey stick mast into the brick wall at the back of the house on the opposite side to clamp a vertical on to however this will be right in front of the TV antenna!!! The TV antenna is incidentally inside the roof, so the hockey stick mast for the vertical might have to go on the garage brick wall but this will be quite visible from the street so I'm not sure yet what I'll do.

I've exchanged a few emails with a neighbouring ham who lives a few doors away, but we haven't clashed on air yet.

Commute to/from work is about the same, but I drive to the nearest train station as opposed to walking previously. We just re-painted our daughters room as well as a corridor in the house, and plan on some more painting but that's it for now.. Maybe some new carpet down the track. Unfortunately, I do however live further away from the club, resulting in more costly and longer travel time so it's become that little but more difficult to arrange to come down to the club all that often.

The website had some minor issues and was offline for a night due to some issues the webhost had with it. Not quite sure what happened there but it's all back online ok.

Merry Xmas and happy new year! Until next time, 73!



Meetings & NEWS

As you know, there's a monthly business meeting on the last Saturday of each month. There are generally around fifteen to twenty members in attendance. Here's a **rollup summary** of some of the items discussed at club meetings.

September 28th Meeting opened 10:40am, closed 11:15am

Correspondence in: NAB Statement

Correspondence out: None.

- ACMA High Power trial discussion
- College open day for 2014 discussion
- Fundraising discussion

October 26th Meeting opened 10:35am, closed 11:55am

Correspondence in: Letter from Consumer affairs re AGM procedures

Correspondence out: None.

- Membership Fee Increase discussions, carried by show of hands.
- Brian VK3VBJ intending on standing down as club treasurer.
- Ken VK3ZER to give a talk on Microphones and their correct use.
- Lively discussion regarding high power trial.

Next Business Meetings

Saturday November 30th and AGM to immediately follow (PTO for further information)

We are always planning to arrange a lecture/talk each month. If any club members would be willing to give a talk on something they feel would be interesting and informative for club members please telephone Roy on 59714782 to make arrangements.

AGM Notice



FAMPARC - VK3FRC

FRANKSTON AND MORNINGTON PENINSULA AMATEUR
RADIO CLUB
Home of the FAMPARC HF whip



NOTICE OF 2013 ANNUAL GENERAL MEETING

The FAMPARC Inc. AGM will be held at the clubrooms on **Saturday 30th of November**

The AGM is scheduled to start at **11:00am** with a brief business meeting held before hand at 10:15am.
All members are invited to attend

The club will provide a BBQ afterwards with soft drinks provided.
BYO other beverages.

Positions Vacant:

President, Vice-President, Secretary, Treasurer, Committee Members (Min 2)

PLEASE NOTE: The Secretary MUST receive Nominations no later than Saturday 23rd of November

Nominations may be posted to

The Secretary
FAMPARC Inc.
PO BOX 85
Patterson Lakes Vic 3199

Nominations may also be delivered in a sealed envelope attn the Secretary at a normal club meeting on Wednesday or Saturday morning at the clubrooms.

In the interest of those unable to attend the AGM, but would like to take part in the election process of committee members, various forms are printed on the reverse of this invitation.

AN INTRODUCTION TO ARDUINO BY MARK CVIK VK3ABT

Article: Barry Gardner VK3THE

At the FAMPARC club meeting on Saturday 12th October at 10.15 am Mark Cvik VK3ABT gave an interesting insight into the world of the user friendly Arduino Atmel AVR micro controllers.

He showed us Arduino processor boards and a working project where by a variable capacitor was controlled by demo code software which Mark had uploaded from PC USB connection into his Arduino mega 1280 board.

Arduino boards and software were established in 1995/96 and is an Italian product which has been adopted into millions of projects worldwide. Arduino boards are described as Open Source, which means that you can use the Arduino product and software consisting of a standard programming language and boot loader to create your own product which is then yours to sell or own the rights to.

Extension boards are called "Shields" and are piggybacked plugged on to the processor board which you have chosen to use. These shields allow for interfacing to other products such as sensors, motors, displays, encoders, Bluetooth, WI-FI and internet etc. The Arduino UNO is suitable for the beginner it is a good all purpose board that has plenty of features.

Marks intention is to jump start Australian Hams into the use of this incredibly power tool and hopes to be able to show us in the future how his variable capacitor project operates, with the addition of control being enabled by a digital value generated in an SWR BRIDGE.

Many thanks to Mark for his 60 minute introduction to an otherwise confusing topic.



What's on & Coming up??

Contests & Hamfests

For popular local contest see the WIA Calendar: <http://www.wia.org.au/newsevents/events/>

For popular DX Contests See the following websites & calendars:

ARRL: <http://www.arrl.org/contests/calendar.html>

WA7BNM's calendar: <http://www.hornucopia.com/contestcal/contestcal.html>

- Yarra Valley HAMFEST! (November 10th)
 - <http://yvarg.org.au/>
- Spring VHF/UHF Field Day (November 23rd - 24th)
 - <http://www.wia.org.au/members/contests/vhfuhf/>
- CQ WW CW (November 23th - 24th)
 - <http://www.cqww.com/>
- Rosebud HAMFEST! (November 24th)
 - <http://www.rosebudradiofest.com/>

Birthdays!

If your birthday isn't at some stage in this newsletter we may not have your details so please supply to Allan VK3AB.

November

Mark VK3ABT, Eric VK3EPD, John VK3CVF, Ron VK3FROM, Jeff VK3VJS & Roderick VK3YC

December

Leigh VK3LVA, Paul VK3ERA, Ian VK3ZHM, Colin VK3CR



Some extra reading...

ACMA receives 50 network interference complaints a week

<http://www.itnews.com.au/News/359417,acma-receives-50-network-interference-complaints-a-week.aspx>

ACMA turns to mobile network performance

<http://www.itnews.com.au/News/359773,acma-turns-to-mobile-network-performance.aspx>

2014 Membership Renewal Form



FAMPARC - VK3FRC

FRANKSTON AND MORNINGTON PENINSULA AMATEUR RADIO CLUB



Home of the FAMPARC HF whip
PO BOX 65, Patterson Lakes, VIC 3197

Membership Application / Renewal Form

I, _____ VK _____

Of _____

_____ Post Code _____

Date of Birth ____/____/____ Phone _____

E-Mail Address _____

Other Hobbies _____

Wish to become a Member / Renew my subscription of the above club. (please circle)

I agree to be bound by the rules of the Association for the time being in force.

Enclosed please find \$ _____ for membership / renewal as _____

(Please insert whether: Family - Senior - Junior - Pensioner - Pensioner Family)

Signature of Applicant _____

Date ____/____/____

Proposer _____ VK3 _____

Seconder _____ VK3 _____

Membership fees for FAMPARC are as follows: (No Joining fees are payable)

- 2 Call Family Membership \$40
- 1 Call Senior / Family Membership \$35
- Junior with Call Membership \$30
- Pensioner/ Pensioner Family Membership \$30

For Office Use Only:

Receipt No _____ Membership Register _____ Mailing List _____

Election Nomination form



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NOMINATION FORM

I hereby nominate _____
for the position of _____
in the forthcoming election.

Signed _____ Date ____ / ____ / ____
_____ Date ____ / ____ / ____

(to be signed by two financial members)

I hereby consent to the above nomination.

Signed _____ Date ____ / ____ / ____

Note: Shall be received by the Secretary of the Association not less than 7 days before the date fixed for the holding of the Annual General Meeting.

FORM FOR APPOINTMENT OF PROXY

I, _____ of _____

Being a financial member of the Frankston and Mornington Peninsula Amateur Radio Club,

Duly appoint _____ VK _____ of _____

As my proxy and to vote on my behalf at the Annual General Meeting to be held on Date ____ / ____ / ____

My proxy is authorised to vote in favour of / against (delete as appropriate) the following motions:

Signed,

_____ VK _____ Date ____ / ____ / ____