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MEMBERSHIP

RENEWAL

TIME !

WELCOME

BACK

FIELD DAY 2002

VE3RAM 2A ON

The emphasis on Emergency Preparedness for Field Day 2002 was again approved by the OVMRC Executive and Petrie Island, located at the northern end of Trim Road east of Orleans, remained the chosen site with approvals obtained from the city of Ottawa and The Friends of Petrie Island. This was all for naught though as torrential rains and the fast rising water of the Ottawa River swamped the picnic site on the Island just prior to the event.

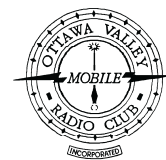
An alternate site had to be found on very short notice and the Canadian Museum of Science and Technology quickly came to the rescue. Suzanne Beaulne, Volunteers and Facilities Rentals Coordinator quick obtained the necessary approval and ensured that we were well taken care of and provided tables, chairs and access to the museum facilities throughout the Field Day.

Field Day is officially an operating event rather than a contest. The purpose remains today as it did in the beginning: to demonstrate the communications ability of the amateur radio community to set up field radio communications stations in simulated emergency situations. The idea is to put together a self-sufficient, working station quickly and to begin making radio contacts in various modes and Amateur Radio bands. Field Day is a way for Amateur Radio operators to get outdoors and have some fun under less than optimum conditions.

Two independent and self-sustained stations using the callsign VE3RAM and report 2A ON were quickly set up by 2PM of the 22nd of June and operated for the next 23+ hours. One tent trailer owned by VE3SRS and an ingeniously configured Doon Buggy with trailer and operating tents set-up by VE3TQX provided the two operating facilities. One 4.6KW generator provided the power for both sites. The antennas used ranged from a Multi-Band Barker & Williamson antenna BWD 1.8-30 (Mhz) and 6M & 2M/70CM beams and a Ringo Ranger. Compared to the last two months or so the HF/UHF/VHF propagation conditions were excellent. The entire IARU Region II that includes North Central and South America and the Caribbean were allowed to operate and compete in Field Day. Unfortunately no contacts were made with these countries; however, not hearing the southern regions was certainly expected with the amount of North American activity that was utilizing the bands.

The majority of contacts were concentrated, by far, in the 20m band with 80m, 40m, 10m, 15m, 6m and 2m/70cm bands also very active. The contacts accumulated were 45 CW and 163 SSB QSOs. With bonus points added on for emergency power, setting up in a public place etc. the total points registered is **882**. In addition, VE3TQX brought along his desktop computer configured for PSK31 and the non-traditional demonstration mode APRS. The results were respectable again this year with emphasis placed on the opportunity for everyone to set up the two sites, to socialize and to operate the different equipment, antennas and modes.

Continued on page: 3



Rambler

OVMRC Executive (2001-2002)

President	Vacant
Vice-President	Dan Johnston, VA3JAR 830-9565, va3jar@rac.ca
Treasurer	Ken Gill, VA3KJG 748-0218,
Secretary	Ken McKenzie, VA3NEK 829-4884, va3nek@rac

Standing Committee Chairpersons

Amateur Radio Exhibit	Maurice-André Vigneault, VE3VIG 749-9010, ve3vig@rac.ca
Amateur Radio Training	Bob Shaw, VE3SUY 737-9443, lycott@istop.com Ernie Jury, VE3EJJ 728-3666
Accredited Examiner	Bob Kavanagh, VE3OSZ 225-6785, ve3osz@rac.ca
Field Day	Matthew Lange, VA3MWL 821-1814,
Historical	Larry Wilcox, VE3WEH 747-5565, ve3weh@rac.ca
Flea Market	Jake Guertin, VA3TQX 253-3732, va3tqx@sprint.ca
Membership	Adam King, VA3PIP 828-8478,
Newsletter	Bill Hall, VA3WMH 830-5580, va3wmh@rac.ca
Publicity & Programs	
Radio Operations	Patrick Tunney, VA3CMD 225-6251,
Technical	Jake Guertin, VA3TQX 253-3732, va3tqx@sprint.ca
Emergency Preparedness	Ken Halcrow, VE3SRS 837-3261, ve3srs@rac.ca



OVMRC Repeater

147.300 MHz(+)
444.200 MHz(+)
53.030/52.030 MHz



OVMRC web page

<http://www.ovmrc.on.ca>

Webmaster: John Rodger,
VE3JR.jcr@magma.ca



Next Meeting

Sep 19

Rambler Deadline

Aug 10

OVMRC Life Members

Ralph Cameron	VE3BBM
Doug Carswell	VE3ATY
Gerry King	VE3GK
Doreen Morgan	VE3CGO
Ed Morgan	VE3GX
Fred Noble	VE3BAJ
Bill Wilson	VE3NR

Club Website

The OVMRC *Rambler* is available on-line at the club website:

<http://www.ovmrc.on.ca/rambler.htm>

Sponsors

The OVMRC acknowledges the following organizations for their support of our activities by providing them with courtesy copies of the *Rambler*:

Bytown Marine, Ottawa, ON
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OVMRC May 2002 General Meeting

June 20, 2002

Dan, VA3JAR, called the meeting to order.

Dan welcomed visitor(s).

Dan called on Larry, VE3WEH, to chair the 2002-2003 election.

Larry thanked Tom, VA3OFD, and Jake, VA3TQX, for their assistance in preparing a list of nominations. Larry asked if there were any nominations or volunteers for any of the positions. Dan, VA3JAR, offered to take on the position of Vice-President.

Since no one had come forth to take on the position of President, a motion from the floor to defer the election of the president till the September meeting was presented and passed by those present at the meeting.

An election for a number of positions was held.

The new executive as listed below was accepted by the members present.

2002-2003 Executive

President - VACANT : Election at September 2002 meeting

Vice-President - Dan Johnston VA3JAR : Acclaimed

Treasurer- Ken Gill VA3KJG : Elected

Secretary - Ken McKenzie VA3NEK : Acclaimed

Amateur Radio Exhibit - Maurice-Andre Vigneault VE3VIG : Acclaimed

Amateur Radio Training - Bob Shaw VE3SUY : Acclaimed

Field Day - Matthew Lange VA3MWL : Acclaimed

Historical - Larry Wilcox VE3WEH : Acclaimed

Flea Market - VACANT : To be filled by the executive

Membership - Adam King VA3PIP : Elected

Rambler Newsletter - Bill Hall VA3WMH : Acclaimed

Programs & Publicity - VACANT : To be filled by the executive

Radio Operations - Patrick Tunney VA3CMD : Elected

Technical: Jake Guertin VA3TQX : Acclaimed

Emergency Preparedness: Ken Halcrow VE3SRS : Acclaimed

Ernie, VE3EJJ, presented the financial statement for 2001-2002 and the budget for 2002-2003.

The presented budget was accepted by the membership present.

Ken, VE3SRS, informed us that Field Day 2002 would be held at the Science and Technology Museum, June 22-23, 2002.

This is a change in the venue — Petrie Island is underwater at this time. Setup will be Saturday morning. We will be running from 2pm Saturday to 2pm Sunday.

Any questions, contact Ken.

Meeting Adjourned. ❖

2002/2003 Club Calendar

	Rambler Deadline	Club Meeting	Executive Meeting
September	6	19	26
October	4	17	24
November	8	21	28
December	1	12	NIL
January	3	16	23
February	7	20	27
March	7	20	27
April	4	17	24
May	2	15	22
June	6	19	26

Mark your calendar's now!

Continued From Page: 1

All in all it was fun again this year to organize and participate in Field Day 2002 and I was glad to see as many as possible turn out and have some fun in the sun. It was great to work with Amateur Radio operators who can work and respond positively in less than ideal conditions when called upon to do so.

I refer you to the OVMRC Web page at <http://www.ovmrc.on.ca/> for a stack of Field Day 2002 pictures taken by VE3WEH Larry with his Intel Digital Camera.

Regards & 73,

Ken Halcrow
VE3SRS
Field Day 2002 Chairman
Emergency Preparedness Chairman
(613) 837-3261 ❖

All Amateurs are invited to submit articles for publication in the OVMRC Rambler. Articles may be submitted electronically to the editor, Bill Hall, VA3WMH at va3wmh@rac.ca.

Well summer did arrive and how hot it has been! Nobody can complain that summer hasn't been hot enough. Our summer hiatus from Amateur radio will soon be over and we will all be busy with getting ready for our first General Meeting on September 19, 2002 and eventually, yes, we will be raking leaves again!

Last month I left you with a reminder and this month I will start with a reminder. We have a brand new shiny Executive consisting of some very enthusiastic members fresh off our last Amateur Radio Course.

They need your assistance to provide an interesting and enjoyable 2002-2003 club year. We still need a President. We were hopeful someone would come forward over the summer months to offer to take on the President's position but, unfortunately, that has not happened. Let's get in there and participate, you might enjoy giving up some of your time to help out with any of the club activities. Please contact any member of the Executive if you would like to assist.

OCTOBER 1992 RAMBLER

The cover page featured an article by yours truly, "Mini-Field Day - maxi success!" It was about Techno-Days Amateur Radio Demonstration, held August 29 & 30, 1992, to celebrate the 25th Anniversary of the Museum of Science & Technology. Thanks to an invitation from Ernie DeCoste VE3RIM, Senior Curator for Communications and Space and the quick commitment made by President, Bob Sharp VE3YBC, along with a multitude of helpful volunteers and operators, the demonstration station for the public was a great success. We used a single brown military tent for two stations consisting of a Kenwood TS-950S lent by Marty VE3XRV and a TS-440 rig. In spite of poor propagation, Ian Kennedy VE3SNX reported we made contact with a total of 213 stations during the 12 hours we were on the air. We made 148 of these contacts during several occasions when we controlled the Trans-Provincial Net. Mike VE3IPC, made contact with J88NCF, St. Pierre, Grenadine Islands on 20m. Tom VE3UOM worked VE7AAA, Vancouver and Vic VE3BSV worked DL5FCZ in Germany on CW. Ian conducted the Pot Hole Net and eleven stations checked-in. All in all it was a very enjoyable weekend, well

attended by the Graduates of the Class of 92 who learned a lot and gained experience operating.

The Minutes of the September 17, 1992 General Meeting, written by Secretary Larry Woram VE3WLN, contain several interesting notes about acquiring a new 6m antenna for VE3RVI, and a new 2m antenna for VE3TWO. A new 440 transmitter slaved onto the 2m unit was also being considered. Ken Barry VE3KJB announced the Flea Market would not be held at Canterbury School because the school board wanted \$48 an hour and 10% of all sales. Mike VE3BGP informed us that membership now stood at 248. Sue VE3SLC announced that a coffee and a cookie would now cost .50 cents due to increased costs. The guest speaker Peter VE3YYY, spoke about the link system and the role of the Renfrew County Amateur Radio Club (RCARC) as the operator of the link system in cooperation with clubs in Toronto, Buffalo and other cities and the operators of IPARN.

Larry Woram also wrote his "News & Views" column this month. The Chatham-Kent Amateur Radio Club newsletter "Clear Signals" reported a very successful field day with 60 members taking part. They also held a fox hunt and a golf tournament during the summer. As a community service, the club maintained weather radios in all schools in Kent County. The September issue of TelePARC reported their successful field day which was held at the campsite of the 1st Cumberland Scout Troop. The scouts, including those from the Rockland troop, assisted with logging the 485 QSOs for a total of 1384 points. This sounds like a nifty idea to me, maybe we should invite and involve local area Scouts in Field Day next year! The West Island Amateur Radio Club reprinted an article from "Florida Skip" magazine which attributed the origin of the word "HAM" to the station call of the first wireless station operated by amateurs of the Harvard Radio Club. They used the first two letters of each of their names, HY - AL - MU. In 1908 some confusion resulted between their call and a Mexican ship named "HYALMO" so the call was changed to the first letter only for "HAM." In 1911, one of the amateurs, Albert Hyman appeared before a congressional hearing on the Wireless Regulation Bill during which every speaker talked about "poor little station HAM" and the rest is history - or is it?

President Bob Sharp VE3YBC, had prepared a very ambitious proposal for a new VE3TWO repeater system, complete with a diagram showing the three phases. He proposed a three-phase

improvement and expansion of the existing repeater system which would take two years to implement. Bob noted it would result in a repeater system which would be second to none and proposed to spread the cost over a a period of two years also. Phase One would see VE3TWO repeater taken out of service for a proper and complete bench tuneup. Power would be increased and the antenna height would be raised. We would take up the offer of the Ottawa Six Meter Interest Group and enter into a lease agreement for the use of their repeater VE3RVI. Going hand-in-hand with this, would be installation of a new 70cm repeater for many of our members using dual-band radios to avoid intermod. At the end of Phase One, the club would have VE3TWO on 2m and 70cm along with the 6m repeater VE3RVI. Phase Two would be to build a link among the three repeaters. The Regional Government Emergency Measures had expressed an interest in linking two of their proposed repeaters into our system and planned to install a 2m and a 70cm repeater at Carlington Park in the west end of Ottawa. This linking of repeaters would provide much greater coverage to club members and local amateurs. The cost of Phase One and Two would have been minimal. Phase Three was going to be the most expensive and dramatic. It included the addition of three more repeaters, a 10m repeater, a 1.2 GHz repeater and a 220-MHz repeater. At the end of Phase Three, there would be a total of eight separate repeaters on the air. All of them would be able to operate independently, or they could be linked in virtually any combination through a control hub. This would be invaluable for emergency or public service uses. In addition, we would have access to the Renfrew County Amateur Radio Club link system at Foymount, Ontario and could then link into the TFMCS system at Toronto and could gain access to the Interprovincial Amateur Radio System (IPARN) with satellite links to the west and east coasts. Bob concluded this would be the largest task our club had ever considered but the benefits to the citizens of

the area, to local amateurs and to our club made it very inviting. Bob wrote, the OVMRC is the largest club in the region and our numbers are growing. It is only fitting that we are in the forefront of providing a service to the community at large as well as ourselves. As our hobby grows, so technology grows and so must we grow with it. Bob wrote a thank you to members for considering this proposal and noted it would be discussed at future meetings and he welcomed any input.

This issue of the RAMBLER also included several notices about flea markets. The 39th West Island Amateur Radio Club Auction and Flea Market would be held in Pointe Claire, PQ. Tables were \$10 each and the auction started at 9am. The OARC Flea Market was being held at Cumberland Community Centre. Admission was \$4.00 and tables, \$8.00 could be reserved by contacting Peter VE3LBW or Paul VE3CEP. I won't be able to attend the Ottawa Amateur Radio Club "Hamfest" being held this year at Carp, Ontario but hope many of you will attend on Saturday, August 31, 2002.

I hope to see many of you at our first meeting, September 19, 2002. Our guest speakers will be Joe Blanchett VE3BAD and Richard Brisson. They will be making a presentation about the secret Camp X which was near Oshawa and the German code machine known as Enigma, from World War II. It promises to be a very enlightening and informative evening.

73

Larry VE3WEH ❖

It's time to re-new your OVMRC membership!

Use the form attached to this *Rambler* or fill in the soft copy of the form and print it out and bring it to our next meeting.

See the website www.ovmrc.on.ca and use the membership link to get to the soft copy.

From the Shack of a New Amateur

Well, the great day had arrived, I checked the RAC callsign site and found that my name was listed, even had the call sign that I had asked for! Now I could legally use the equipment that I had ordered and begin the adventure of being an amateur radio operator.

It has taken me a great many years to get to this point so I am determined to enjoy it and to make sure that everyone knows that I am enjoying it.

I have decided to share the adventures or mis-adventures that I experience in my enjoyment of Amateur Radio. I realize that a great many of you will read this and comment that you have either been there and done that or won't quite as dumb as I am sure that I will be. For those who think that this is a waste of paper, well, turn the page. For those of you who think that it might be fun to read about the adventures of a beginner, feel free to write me your comments and suggestions for the many dilemmas that I am sure to face. I would appreciate you letting me add them to the pieces that I try and write so that both I and others may learn from your comments and experience.

There are seven of us who graduated from the OVMRC radio course and we are all very interested. I think that every snow storm and freezing rain warning happened on Tuesday nights, our class nights, but we managed. As much as we learned from the wonderful 'Amateurs' that volunteered their time to help us, what they did was to make us more interested and curious as to the many different and interesting modes that we can now experiment with. SO! Any comments or information that you so kindly share we would appreciate, In addition I hope that some of my stumbling around will get you interested in forgotten things. Enough and on with my first attempt at interesting you.

The First Antenna Adventure!

As with many people in this world, I am married. This tends to cramp my style in a couple of ways, first my wife can spend it before I get it and sticking things on the roof or towers in the backyard aren't things that will lead to marital bliss. The first problem I have learned how to deal with but I realized that the second is going to be a challenge.

You see right now, I only have my Basic accreditation but am working on my Morse to allow me to work the areas below 30MHz. The problem comes down to the challenge of sticking something like a G5RV in my attic. Won't fit, no way, no how! I would have to buy a much bigger house so I could have a bigger attic, now this, my wife might go for but then I would have an even bigger first problem. Both the bank and my wife would be spending it before I ever got my hands on it. So I have started small and am using the fact that antennas for the VHF bands aren't three hundred feet long to my advantage to hopefully ease her into the idea of big is better.

Well, like many new amateurs I had found some old commercial equipment, namely a Sinclair 1/4 8 dipole that was suited for 136-174 MHz. Price was right, free! I had always thought that I had a big attic but once I started trying to put things up there I found out that it wasn't ten feet high. So the mast for the antenna had to be trimmed a few inches but up it went. In addition to this I stuck my scanner antenna and a UHF one that had come with the Sinclair job up there.

So I figured that this took care of my antenna requirements for the time being and I didn't have to worry about things like ice storms and high winds . . . Well was I wrong!

It's about 40 degrees Celsius outside as I write this so ice isn't a problem but you see one of the things that brings many people into the hobby of amateur radio is the challenge, frustration and fun of build stuff. Any kind of stuff, just neat stuff, fun stuff, things that are a challenge, you know ... Where no man has gone before!

The story of my first frontier was fuelled by a couple of very helpful amateurs. You see in addition to having a transceiver in the house I was also fiddling with my hand held in the car. I was experimenting with checking a couple of different antennas on the car testing them with the help of a patient gentleman, Kim VA3VKK.

You see things were just a little slow that Saturday and I had identified myself testing my set-up and Kim replied to me. We had a wee chat about things and the subject of antennas came up and what was good and as many of you can imagine one thing lead to another and Kim was sending me an email with the information for an antenna that a bunch of other local amateurs had once built.

Well the email arrives a couple of days later. I took one look at it and said "YES!" It looked to be a really simple design, something that is important to a beginner, and a product that could be used for many a year. Kim had sent me the plans for an Arrow type antenna! A dual band antenna to boot!

For those of you who don't know of an Arrow Antenna is, and I figure that there were six other guys before I made one and they all graduated the same class as I did, it is a solid aluminum J-pole antenna that can be bought from Arrow Antennas (for \$39 US. You can also buy all the individual parts for about \$56 US or you can click on the Instructions link and find all the measurements and pictures of what you are going to build. Kim, of course, had sent all the required information in his email, including a local metal dealer who would supply the required aluminum.

VA3VKK had created a monster, a new amateur on a mission!

Now my next challenge was to build one of these antennas purchasing as few parts as possible, remember other people keep spending my money.

The antenna design called for 3/8" aluminum rods, I had a supply of 1/4" aluminum getting in the way, that was long enough for the antenna and then some, so I decided to try and make the antenna using the 1/4" stuff. Remember this is my first adventure so confidence in success isn't all that high, thus keeping expenses down makes the problems of screwing up less painful. Since I was using 1/4", I also had the die to thread the rod. I figure that I would be able to find something that I could use in place of the aluminum angle that the design called for and that left some nuts and a thing called a SO239 Stud.

Nuts, no problem! The plans that Kim had sent said that the SO239 Stud could be found at Radio Shack. So off to Radio Shack I journey, YES JOURNEY!

You see nobody understood what an SO239 Stud was. I did, I even knew what it was used for, truck mirror type antenna mounts. One sale person at Radio Shack suggested the I drive out to the Antrium Truck stop since this was a place where you would find truckers. I tried every electronics supply place in town that I knew of and learned of a few more, no luck.

I was getting a little desperate, I could build one of these without a way to connect it to the radio. I broke down and went to the manager in our operation who deals with our two-way radio systems and had him call up the repair technician that services our fleet here in Ottawa and ask him to order one. He didn't know what I was talking about and wanted to know why I was trying to build something that I could just use commercial stuff for. He did understand what I was talking about but had no idea where to order it from, we needed to find a part number.

As I said, I was getting more than a little desperate. Here was my wonderful first amateur project falling apart because of one piece. I started searching the Internet for connector makers, I had some experience in identifying and finding parts to connect my SMA connector on my hand held to my car antenna which used a PL259 but I wasn't having any success. I thought of ordering the offending part from Arrow but then if I was going to do that why not just plunk down the money and buy a finished product.

While I was sitting in my office thinking about this, the manager that I had do the telephoning for me before came into my office holding a wonderful SO239 stud that even had a mirror mount attached to it. He wanted to know if this was what I was looking for, foolish question. Guess what the price was right as well . . . Free!

So let's see I have a 1/4" aluminum rod and an SO239 Stud, the die to thread the rod and some 1/4" nuts. Now I was faced with two last challenges, the angle to mount everything on and a way to attach 1/4" aluminum to that stud.



<http://www.igs.net/~swap/>

I think that one of the reasons that Arrow uses 3/8" aluminum is that you thread it and use a coupling nut to simply screw the rod onto the stud. I'm using 1/4" rods, the 1/8 of an inch becomes like the size of a football field. Off to our local nut emporium, Valley Fasteners. I had total confidence that they would have some magic reducer that would solve my problem. After some explaining and a little show and tell they were stumped but gave me two nuts to and told me to have them welded, one was 1/4" and the other was 3/8". This would create my reducer. Armed with the idea I took it a little further and dug up a 1/4" coupler and welded that to the 3/8" nut. Once again, a problem solved and the cost was still free.

This left me with one last hurdle to over come and that was some form of angle stock to mount it all on. I search around looking for something but had to finally realize that I was going to have to actually buy something.

So I called the supplier that was listed in Kim's email. I had feared that I would have to end up buying 20' of the stuff which is how I had ended up with all the 1/4" aluminum, needed a foot but had to settle for 20'. So I called and discovered that they would sell it by the foot, no problem. Bright and early the next morning I was there and they were cutting my aluminum angle. They did have a \$5 minium for cash sales, so I bought a couple of feet and had a bill for \$7.

I had all the parts, a new amateur with all his parts! A very dangerous individual indeed.

In my searching for connectors and opinions on this antenna on such website as www.eHam.net I had found a site that had step by step instruction for building one of these. It also include the Radio Shack part numbers for the stud and the mounting hardware. So this made the actual building of the antenna a simple cut, drill and bolt project. Other than the welds that I had to do to make the coupler everything was very straightforward. This was a good thing as I had experienced enough challenges in assembling the parts.

Into the attic I go with my wonderful new project . . . IT DOES NOT FIT! I have something like 49" of space and the darn thing is 52 and ONE HALF inches tall! Humm, problem!

Well I sort of exercised my husbandly rights and the antenna is now on a chimney mount on the roof.

I think that the hunt for the parts was the fun part of this project. I had so much trouble finding what should have been simple things that the fact that I had created a really, really great antenna was secondary.

What did I learn from the adventure? I learned that experience is a very valuable thing, I learned that the sharing of knowledge leads to adventures and I learned, once again, that things aren't always that simple!

This is a wonderful first project, in addition you get a really great antenna and if you totally screw it up, order the real Arrow Antenna from either Arrow or Radioworld here in Canada.

It was fun for me, the ups and downs and just doing my first REAL radio project! Once again, I owe this project to a more experienced amateur who took the time to pass a little of his experience a long to a newer guy!

Resources;

Arrow Antennas

available here in Canada from

<http://www.radioworld.ca/antennas/arrow.htm>

Jpole step by step instructions

Local metal supply company

SO239 studs are also available from Durham Radio and most likely other amateur suppliers for less money than Radio Shack. If looking for them from Radio Shack, you have either order them on line or have a store order them as they are no longer stock in stores.

Questions? Ideas? Sent them! To ve3nek@rac.ca! ❖

The Ottawa Amateur Radio Club

is pleased to announce its 6th Annual



Hamfest

Saturday, August 31, 2002 (Labour Day weekend)

Tailgaters Open and Building Vendor setup: 9 am

Building Opens: 10 am until 1 pm

Radio Amateurs of Canada Forum and Technology Update: 1pm-4pm(approx)

**Carp Agricultural Fair Grounds
3970 Carp Rd (at Falldown Lane)
Ottawa (Carp), Ontario**

Highway 417 East to Carp Road exit, North to the fairground

We are in the Arena, so follow the signs on the site

\$5 general admission

\$10/table (plus admission)

\$5/tailgate (plus admission)

This year's door prize, the TH-F6A, is Kenwood's newest and most advanced tri-band HT transceiver/receiver. The TH-F6A is very generously donated by:



Bytown Marine Limited

5 Corvus Court

Nepean, Ontario, K2E 7Z4

Phone: (613) 723-8424

The OARC is proud to once again sponsor the RAC Forum and Technology Update. This highly informative event follows immediately after the close of the Hamfest at 1 pm. We are very fortunate to have Doug Leach (VE3XK), RAC's Ontario North Director, as Moderator.

For further information or reservations contact:

Greg Danylchenko (VE3Y TZ)

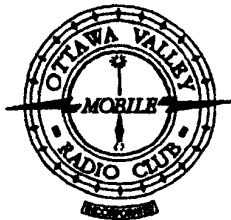
Tel: (613) 236-9291(H)

e-mail: fleamarket@oarc.net

web address: <http://oarc.net/fleamarket>

Talk in: VE2CRA 146.94 -

Ottawa Valley Mobile Radio Club



P.O. Box 41145
Ottawa ON K1G 5K9

MEMBERSHIP FORM

- * The Membership year starts in July and runs to June 30th of the following year.
- * Regular membership is open to licensed amateurs.
- * Associate membership is open to all radio enthusiasts.
- * The family rate is for second and subsequent members of the same family living at the same address.
- * One form per member.

RENEWAL	NEW	CHANGE	OVMRC NAME TAG (Cost \$7.00)	Yes	No
Call Sign	Surname	Preferred First Name		Date	
Mailing Address			Apartment Number		
City		Province	Postal Code		
Home Phone	Work Phone	E-mail Address			

BBN

For Office use only

One year membership. Regular or Associate. Includes mailed Rambler
 One year membership. Regular or Associate. Without mailed Rambler
 Family membership. For family of current members. No mailed Rambler

- \$25/year
 - \$20/year
 - \$5/year

Amount Enclosed

\$

Cheque Cash

My Interests are:

VHF/UHF Phone	VHF/UHF Digital	VHF/UHF CW
Satellite	HF Phone	HF Digital
		HF CW

Current Occupation:

If retired, Former Occupation:

Skills: *(Please list them all)*

COMMENTS

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