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to renew your  
membership !**

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## OHIO HAM HIT WITH \$12,000 FINE IN MALICIOUS INTERFERENCE CASE

Cooperation between Canadian and US amateurs has resulted in a \$12,000 Notice of Apparent Liability for Forfeiture (NAL) from the FCC to an Ohio amateur. The FCC has alleged that Ronald E. Sauer, WE8E, of Bedford Heights violated Part 97 rules prohibiting deliberate and malicious interference, transmission of music and failure to identify. The case involved daily interference to the Trans Provincial Net <http://www.tpn7055.ca>, a Canadian net that operates on 7.055 MHz.

“This was no small task and was accomplished with the help of many people from the US and Canada working together,” said ARRL Great Lakes Vice Director Dick Mondro, W8FQT, who expressed thanks to all involved. In addition to TPN members, that included Radio Amateurs of Canada (RAC) <http://www.rac.ca> officials, Industry Canada, the FCC, ARRL Michigan <http://www.arrl.org/sections/?sect=MI> and Ohio <http://www.arrl.org/sections/?sect=OH> Section officials, ARRL Official Observers and members of the Cuyahoga Amateur Radio Society <http://www.cars.org/>. “This was indeed an example of teamwork in action and proves again that the FCC does care and continues to work with us to stop interference,” Mondro added.

TPN Assistant Manager Jim Taylor, VA3KU, said the interference to the net had gone on for several months. “Our break came when the jammer decided to intensify his efforts by going to his local library and sending out repulsive and threatening e-mails to a few of our members,” Taylor said. He and other Canadian hams were able to determine that the e-mails had come from a public library terminal in the Cleveland, Ohio, area. Taylor contacted CARS President Bob Check, W8GC, for assistance in zeroing in on the jammer.

Tracking down the signal source involved mobile direction-finding work by three CARS members, who passed along their findings to the FCC’s Detroit Office late last January. Already alerted to the situation, the FCC’s Detroit Office had called on the Commission’s High Frequency Direction Finding (HFDF) facility in Maryland. The HFDF group monitored jamming and the playing of music and narrowed down the search to an area near the intersection of Interstates 480 and 77 in the Cleveland area.

In the meantime, the FCC received the CARS report indicating that the interference was coming from Sauer’s residence. On January 31, an FCC agent also used direction-finding techniques to track the source of the interference on 7.055 MHz to Sauer’s home and conducted an inspection.

*Continued on Page: 3*



# Rambler

## OVMRC Executive (2002-2003)

<b>President</b>	Mike Kennedy, VA3TEC godtec@bigfoot.com
<b>Vice-President</b>	
<b>Treasurer</b>	Ken Gill, VA3KJG 748-0218,
<b>Secretary</b>	Ken McKenzie, VA3NEK 829-4884, va3nek@rac

## Standing Committee Chairpersons

<b>Amateur Radio Exhibit</b>	Maurice-André Vigneault, VE3VIG 749-9010, ve3vig@rac.ca
<b>Amateur Radio Training</b>	Bob Shaw, VE3SUY 737-9443, lycott@istop.com Ernie Jury, VE3EJJ 728-3666
<b>Accredited Examiner</b>	Bob Kavanagh, VE3OSZ 225-6785, ve3osz@rac.ca
<b>Field Day</b>	Adam King, VA3PIP 831-9970, va3pip@rac.ca
<b>Historical</b>	Larry Wilcox, VE3WEH 747-5565, ve3weh@rac.ca
<b>Flea Market</b>	Vacant
<b>Membership</b>	Adam King, VA3PIP 831-9970, va3pip@rac.ca
<b>Newsletter</b>	Bill Hall, VA3WMH 830-5580, va3wmh@rac.ca
<b>Publicity &amp; Programs</b>	
<b>Radio Operations</b>	Vacant
<b>Technical</b>	Jake Guertin, VA3TQX 253-3732, va3tqx@sprint.ca
<b>Emergency Preparedness</b>	Ken Halcrow, VE3SRS 837-3261, ve3srs@rac.ca

## OVMRC Life Members

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

## Club Website

The OVMRC *Rambler* is available on-line at the club website:  
<http://www.ovmrc.on.ca/rambler.htm>

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

Next  Meetin  
g  
**Jun 19**  
**Rambler Deadline**  
**Aug 9**

The *Rambler* is the official newsletter of the Ottawa Valley Mobile Radio Club Inc. and is published 11 times a year (monthly, except for July). Opinions expressed in the *Rambler* are those of the authors and not necessarily those of the OVMRC Inc., its officers or its members. Permission is granted to republish the contents in whole or in part, providing the source is acknowledged. Commercial use of the contents is expressly prohibited. Submit articles to the editor or by e-mail to: va3wmh@rac.ca.

# Meeting Minutes

Ken McKenzie  
VA3NEK

May 15, 2003

President Michael Kennedy, VA3TEC, opened the meeting asking if there were any visitors or problems that people need help with.

Secretary Ken McKenzie, VA3NEK, presented the Bylaw change, section 9.3, concerning the section limiting the length of term that a member of the Executive may hold. The Bylaw change would allow members of the Executive to hold their offices for more than the present limit of two years. The limit of the term of a Director of the Corporation does not change and would remain at the two year limit.

This change to the Bylaws was required as several members of the Executive had held office for longer than two years and were in violation of the Corporations Bylaws. Due to a lack of volunteers it is necessary to either change the Bylaws or have more positions unfilled.

By keeping the term of office for the Corporate Directors limited to the existing two years, the Executive felt that the spirit of the original Bylaws was maintained while allowing for the reality of member involvement that exists within the Corporation today.

The Bylaw change was passed unanimously.

The Bylaws are amended to read;

## 9.3 Terms of Office Limited

No member shall hold a Director position for more than two consecutive terms.

A Director position shall be defined as being defined as President, Vice-President, Treasurer and Secretary.

All other Executive Chair positions may be held by the same member for longer terms.

Peter Gamble did one of his excellent presentations concerning the Ottawa EMRG.

Peter explained what was in the works, what had been completed and what was hope for in the future. More information about the group can be found at their website [HTTP://www.emrg.com](http://www.emrg.com)

President Mike asked for volunteers to fill the empty positions that exist on the Executive.

Treasurer Ken Gill, VA3KJG, announced that the Budget would be presented at the next meeting for approval.

Field Day Chairperson, Adam King, VA3PIP, announced that Field Day was on and being held at the Museum again, June 28-29 and anyone wanting to participate can contact him at [VA3PIP@RAC.CA](mailto:VA3PIP@RAC.CA) or by telephone.

As Membership Chairperson Adam also reminded everyone that it is renewal time again. He would appreciate everyone renewing early rather than having it all done at the last minute.

Larry Wilcox, VE3WEH, has some historical comments.

Bill Hall, VA3WMH, announced that the RAMBLER will not be available on the website before the next meeting as the Web Master will be out of town.

Technical Chairperson Jake Guertin, VA3TQX, explained about the cleanup project at 580 Booth and that he is looking for volunteers to help with it. In addition he may have some Gel Cells available from the cleanup.

Emergency preparedness Chairperson Ken Halcrow, VE3SRS, showed a video of the trailer donated to the Club by VE3LTN, Mike Joyce.

Ken also ran through some of the problems and repairs that the trailer required to make it road worthy.

Ken is also looking for volunteers to help with the repairs. ([ve3srs@rac.ca](mailto:ve3srs@rac.ca))

Ken also gave details of the CFARS exercise at Larose Forest.

50/50 prize of \$26 was won by VE3EJJ Ernie Jury. Ernie immediately gave the money to the Club Treasurer to be donated to DARF.

The door prize was won by Steve VE3SBC.

The meeting was adjourned. ❖

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*Continued from page: 1*

The FCC said Sauer "admitted that he had been playing music and deliberately jamming the frequency of 7.055 MHz." Sauer "further admitted to jamming and playing music on this frequency on previous days."

Based on its findings, the FCC concluded that the \$12,000 fine was justified. The FCC ordered Sauer to pay the fine within 30 days or file a written statement seeking a reduction or cancellation of the proposed forfeiture. ❖

Tulips and other May flowers have pushed their way to the surface and have produced flowers in spite of the unusual cold spell this month. If you think Ottawa was unique with this cold spell, it wasn't. I spent a rainy and cold two weeks in May visiting relatives in Southern Ontario which is supposed to be much warmer than Ottawa but in fact was colder. However, we have finally had a few days of more normal temperatures. Looking down the road, we might even have another long hot summer!

## RAMBLER JUNE 1993

This month's RAMBLER featured a story which I wrote entitled, "Museum mayhem! Heavy-handed hams topple tower!" Once again, our Editor Neil Herber VE3PUE created an interesting title for my article about the removal of VE3JW antennas and the tower from the roof. It was a miserable sopping wet, rainy day on April 10, 1993 when about 20 volunteers assisted, including tower climbers Jeff Hiltz VE3WWH and Roger Rose VE3XRR both from the class of 1992. Jerry Wells VE3CDS supervised the removal of all the gear in spite of the heavy rainfall and Ernie DeCoste VE3RIM was very pleased that the job was finished safely.

The June 1993 RAMBLINGS column by President Jerry Wells VE3CDS, gave thanks to Ken Barry VE3KJB for his organization and overall direction for the May 1993 Flea Market held at the military establishment at Dow's lake. Mike VE3BGP had arranged for the loan of tables and chairs from DND and Larry VE3WLN ensured that the setup was according to Ken's plan. Jerry also thanked Sue VE3SLC and her YLS who out did themselves operating the Flea Bite along with assistance from Roxanne VE3VON, Judy VE3PAB and Lorraine VE3VAT by ensuring that coffee and goodies were available to all. Jerry also encouraged members to look for new activities for the coming year and wanted club members to put on programs that involve participation of members. What are your interests? What are you knowledgeable about? Why not tell us about your activity in ham radio? He ended his RAMBLINGS by wishing members a safe summer and to give a bit of thought to the club program for the coming year. Although Jerry is a silent key, his words still ring true today! Likewise, I encourage you to participate and to give something in return by becoming involved in our club activities, volunteer to serve on the Executive or to serve as a net controller on one of our nets.

The Minutes from the OVMRC General Meeting of May 20, 1993 by Larry Woram VE3WLN covered Field Day, Radio Amateurs of Canada, the Flea Market, the Wise Owl Net and the President's Remarks. Doug VE3CDC briefed the audience on the events which he and Doug VE3ATY had observed in Guelph and Toronto meetings with respect to the dissolution of CARF and CRRL and the formation of the new Radio Amateurs of Canada (RAC). Dan VE3EBI read the highlights from the first RAC Bulletin. Ken VE3KJB, announced that the flea market had 753 visitors, and the club netted \$2132.00 after expenses were paid. Ken thanked Ron

VE3MUD, Mike VE3BGP, Helmut VE3KCF, Jerry VE3CDS, Mike VE3FFK, Peter VE3LBE, Cy VE3SIY, Al VE3TYJ, Maurice-Andre VE3VIG, Sue VE3SLC, Roxanne VE3VON, Lorraine VE3VAT and the four non-members who staffed the check-in table and sold raffle tickets for all their help in making the flea market a success. The raffle prize, a Kenwood TH-28A, donated by Bytown Marine, was won by Ed VE3GX. The Wise Owl Net Manager, Leo VE3NVL with assistance from Chuck VE3PDK, handed out 15 Class "A" Wise Owl Certificates for ten or more checks-ins and 13 Class "B" Certificates for seven or more checks-in on the Wise Owl Net. Jerry VE3CDS thanked Sue VE3SLC for providing coffee and cookies at every meeting and for her assistance with the Flea Market. Jerry also recognized Cy VE3SIY who was instrumental in the club receiving the New Horizons grant for the Seniors Group to operate VE3JW from the Museum. Doug VE3ATY was given recognition for all his time and effort running the club's Amateur Radio Course and for publishing the Study Guide. Jerry indicated that he had intentions to stand for President again next year and if elected, he would be looking for more participation from the members in the direction of the club. He wanted to see more groups form within the club for specific interests, such as packet, CW and DX. The Museum of Civilization had contacted Jerry with the idea of setting up an amateur radio station in the Children's Museum and was looking for any ideas from members.

Leonard VE3LPH asked for members to contact him if they were interested in purchasing a club jacket. If not enough orders were received, the money would be returned to those who had placed an order. Richard VE3UNW and Mike VE3FFK had conducted an advanced Amateur Radio Course and graduated VE3CEP, VE3NHN, VE3TSC, VE3QDM, VE3CUZ, VE3ZPR, VE3ZGR, VE3IHI, VE3QDX AND VE2JHT.

"From the mailbox" by Larry Woram VE3WLN contained a brief explanation of the Calgary Amateur Radio Association (CARA) gleaned from their newsletter KEY KLIX. He noted it is actually several clubs or sections within the club. The club consists of a VHF Section, the Digital Section, DX Section, and an Experimenters Section. Each of the sections meets independently and has their own operating budget. General meetings draw everyone together where they are briefed on what each section is doing. The May issue of the WIARC Bulletin from the West Island ARC announced a photo contest. They were looking for photos of their members' shacks, towers and other amateur activities that would be judged and prizes would be given for various categories, the neatest, most cluttered, etc. Sounds like a fine idea and perhaps our club could hold a similar contest, anyone interested?

Burt VE2BMQ had prepared a "User's Resource Manual for Packet Radio." The manual was a collection of useful information for packet radio users, beginners and advanced operators. The first transmissions of packet over amateur radio occurred at

approximately 21:00 hrs on May 31, 1978. An article by Burt described the first packet transmission which was held at a special meeting of the Montreal ARC. The first packet message was reported to have been "from John DeMercado, Director General Regulations, Department of Communications to the Montreal Group."

Nina and Maurice-Andre VE3VIG collaborated to produce a very humorous and lengthy article about the Bunny Hunt held on April 25, 1993. They were apparently stopped by a police officer and questioned about their activities. Eventually, they were escorted by police cruiser to the very top of the parking garage where the Bunny was laughing his ears and tail off!

The Joe Norton Trust Award for Amateur Radio of the Ottawa Amateur Radio Club Inc. was announced by Maria VE3KIP in the June 1993 issue of the RAMBLER along with criteria for those eligible and the rules. I presume this Award will be held this year also and you newly licenced amateurs should make your submission to the OARC.

There was also an "Important notice to all members" by President Jerry Wells VE3CDS, regarding the June 17, 1993 Annual General Meeting, Nomination and Election of the OVMRC Executive. It listed those Executive members who had agreed to stay on and continue with their position and also noted the positions that were still open including, Radio Operations, Field Day, Amateur Radio Training, Historical Committee and Publicity and Programs.

Our next meeting is on June 19, 2003 and is also for election of members to the Executive. I hope to see you there offering your assistance to serve on the Executive or to assist with one of the committees. You may find it an enjoyable experience. Come out and lend us your talents, skills and abilities in making the OVMRC a successful club in the upcoming club year. We need your help to sustain this club in the years ahead.

73 de Larry Wilcox

VE3WEH ❖

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## INTERNATIONAL FORUM OF RADIO AMATEURS

### FIRHAV 2004

#### RADIO AMATEUR AND ITS IMPACT ON RADIOCOMMUNICATIONS AND THE COMMUNITY

#### CALL

Amateur radio is an activity that was expanded throughout the world during the last century and that today gathers millions of persons.

Many are the motivations that inspire amateur radio and very diverse the modalities in which it is practiced, varying from a simple conversation among nearby or distant friends to the activation of stations in places rarely visited by man. Not few communication techniques have been used and developed by amateur radio and its impact on development of communication worldwide is a proven fact.

It has contributed to promoting friendship and solidarity among peoples of the world, despite economic, religious and social differences. Amateur radio has historically played a role in disaster or accident situations and is a source of cultural richness widening the scope of knowledge, and a healthy way to spend leisure time among individuals and groups, making the development of amateur radio practices a valid option in modern societies.

However, technological advance in the telecommunication world, with the use of digital technologies during the second half of the past century, has introduced significant changes in amateur radio practices and has brought about on the one hand the emergence of new modes of operation and substantial modifications in the practice of those already traditional on the other.

Bearing all this in mind, and in order to promote the exchange of technical and operational knowledge and share work experiences, the Cuban Federation of Radio Amateurs **CALLS** radio amateurs all over the world to the **International Forum of Radio Amateurs, FIRHAV 2004**, to be held in Havana, Cuba, from March 15-18, 2004.

#### CONSULTATION AND COMMUNICATION WITH THE ORGANIZING COMMITTEE

Participants may get updated information about the Forum at <http://frc.co.cu> or contact the Organizing Committee through [frcuba@enet.cu](mailto:frcuba@enet.cu). Message Ref. must read FIRHAV 2004.

For issues linked to the tourist package and optional offers, participants may also contact Ms. Caridad Román Arias,

# From The Shack Of A New Amateur

Ken McKenzie  
VA3NEK

Last year when I finally got my Amateur license I knew that I wanted a decent rig in the car. I also knew that I wanted that rig to have as many bells and whistles that I get, things like APRS, packet, cross band repeater and maybe a sink or two, bar type would be fine! It was a tough choice and after looking and reading and looking and reading I settled on a Kenwood TM-D700.

Now this isn't a piece about Kenwood or am I suggesting that Kenwood is the best radio on the market. It is a piece about my adventures in installing a radio, my FIRST radio in my car! It's about some of my thoughts on what works and doesn't work and the fun and all the new swear words that I learned doing it.

Now my logic in buying the D700 was that it did everything except pour drinks at the bar but then this is a car I am talking about. In addition it was a two piece unit that should give me more flexibility in installing the radio. The reviews that I read in all the magazines and on the various Internet sites pointed to it being a great radio and it did APRS and had a built in TNC. Hence my choice of buying a TM-D700.

So at the last OVMRC Fleamarket I bought my TM-D700, as well as a G71 hand held.

I played with the G71 first, didn't need much to get on the air and check into the Welcome Mat Net.

Next came the D700 and where to put things.

Years ago when I drove clunkers that I had to fix every weekend there was lots of room to stick things into cars, under the dash and there was enough room in the trunk to stick a whole Ham shack, today it's a different story. I have a Toyota Camry and there ain't a lot of un-used space in that sucker, so it was starting to look like a major challenge. One other point is that my car is a leased car and although I will most likely buy out the lease at the end, I didn't want to go drilling a whole pile of holes and sticking things on that could be removed to return the car to its original condition.

The TM-D700 has a separated control head, so I had to find place for the control head and the actual transceiver plus since it is a dual band set there are two sets of speaker wires, the control head wire and the microphone to deal with, lots of wire to run between the two.

At the suggestion of Ken, VA3KJG, I started looking at what I could stick in the glove box. Sticking things into the glove box certainly cut down on how far I had to run the wires with the antenna wire being the only long wire run. It seemed like a good idea but I wondered about heat and the lack of ventilation but figured that if I was to try and use the cross band stuff which would produce a lot of heat I could remove actual radio from the glove box (Velcro holds it) and put it on the seat with lots of ventilation. So into the glove box the radio unit was going!

Next came the control head and the speakers. I drove around with that control head and tried it in many different places, I stuck it into vents, I stuck it in to ash tray and I almost stuck it out the window! I just couldn't find a place that I could stick the thing with out having all kind of problems.

Frustration set in as well as winter and I stuck the darn thing back into the box and thought of buying another rig.



Over the winter I was reading a piece in some wireless magazine about some cell phone installation and read that a company called PanaVise made cellular telephone mounts for various cars and trucks. I knew of PanaVise from the high end vises

that they made, it's one of those things I might buy when I win 649 but I knew nothing about them making cell mounts.

So I went off and checked out their website and discovered that they make a whole whack of custom mounts for various cars including my Camry. Problem was they didn't list any dealers or pricing so I emailed their sales department and called a bunch of cell phone dealers around town.

Dealers in town weren't any help nor were the car stereo guys. PanaVise did send me a list of dealers in Canada and I email one out west and called one in Montreal. The guy out west want me to order a case as he said it was a special order, the very nice guy in Montreal said it wasn't a problem and he would just add it to his next order if I could wait a couple weeks.

Couple of weeks! I had been waiting almost a year!

True to his word I had my mount in about three weeks and it was only 29 bucks plus the usual tax man share.



The mount is a very solid, heavy gauge metal bracket that makes use of existing screws in my dash. In the case of the Camry I pop off the center trim, undo two screws used to attach the climate control, put in the PanaVise bracket and screw the thing down

and pop the trim back on to the dash. The whole thing takes less than 5 minutes and I now have a very solid mounting point than

# From The Shack Of A New Amateur *(Continued)*

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doesn't interfere with anything else. This took care of where to mount the control head and the microphone and unclipping two plugs lets me remove the microphone and control head so that thieves don't take a liking to it.

Speakers, speakers where to put them. My wife isn't a real fan of my Amateur Radio hobby and going down the road listening to the radio isn't one of her things to put up with, so I was trying for a way to install two speakers, one for each side of the dual transceivers in the Kenwood, that I could listen with out her yelling at me about the 'stupid noise'.

I picked up some very nice external type speakers at Princess Auto and played with where to stick them. I finally came up with the idea of mounting them on either side of my head rest. Attaching them was the challenge and I tried making a bracket out of some Plexiglas type stuff that I had lying around the house. Bending it wasn't a problem, heat gun took care of that but drilling holes for the brackets prove to be too much for the plastic and I cracked both sides. I realized that this might be cute idea but it was proving to be way too much trouble and considering it had been a year since I had bought the darn radio I was impatient.

I started sticking the speakers in different places and considered only installing one as you can program the 700 to feed both into one speaker. I found that I could mount them down low on the dash but I wasn't totally sold on the idea of them not causing problems down there. They were out of the way for me but my wife is much shorter and has to bring the seat up much closer and this could cause a problem when she drove.

I figured that I would try it out with a temporary set up and used some cheapie dollar store spring clamps to hold the brackets for the speakers at the bottom of the dash on the drivers side.

Turns out that it was a pretty good choice, mounting them there has caused neither driver any problems and using the spring clamps allows them to give when I do run into them, doesn't happen often but I appreciate not getting a bruise when I do hit them or worse, breaking them off.

I ran the wires from the glove box behind the dash and out the ash tray for both the control head and the microphone, attached the Kenwood control head mount to the PanaVise bracket and the speaker wires are just stuffed up under the dash. Power comes directly from the battery and is fed around the molding and fender on the passenger side and the antenna is stuffed up the carpet molding running to a Larsen dual mag mount antenna on the trunk.

The reports that I have gotten lead me to believe that I have a successful installation, it may have taken a while to get all the pieces and figure out where to put them but it was well worth the wait and the effort.

I still have to find a GPS that I like and might add a PDA to it for display purposes and haven't had time to try out my laptop and UI-View with it but for the everyday usage that it gets I am happy with how it has turned out. Ken's idea of using the glove box lets me keep it closed for everyday use but lets me quickly open it to connect my computer to it for programming or APRS display.

I will have to keep an eye on the possible heat problem this summer and hope that it doesn't cause any problems with the lack of constant air circulation.

This is the last piece of this club year and I hope to have some interesting adventures to share over the summer, a hedge antenna, couple of dipole ideas and who knows what other trouble I can get into with my new hobby! I hope everyone has a healthy and great summer and, as always, send your comments to [va3nek@rac.ca](mailto:va3nek@rac.ca). ❖

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## FIELD DAY - 2003

JUNE 28 - 29

Hello all!

As the OVMRC Field Day Chair for 2003, allow me to invite you all to this year's Field Day! As always, Field Day is held on the fourth full weekend in June which for this year means the weekend of June 28-29. Just like last year, it is being held at the Science and Technology Museum with setup starting about 9am Saturday and then operating continuously from 2pm that afternoon until 2pm Sunday. We will be using the call VE3RAM during the event.

Currently we have four confirmed stations with a couple more possible stations. We still have room for more stations as well as for additional operators to help relieve station operators for a couple of hours at a time. So, if you'd like to get involved, please just send me an email or talk to me at the next OVMRC meeting. The Museum has graciously offered the use of their washrooms during the entire event, so no need to worry about having to use a PortAJohn! The more help we can get, the better it is for everyone. Also, for every operator that does participate, they will receive a special Field Day gift!

I will be presenting further information at the next club meeting, so I hope to see you all there! ❖

## US testing Power Line Communications (PLC)

New digital power line designs use multiple carriers spread over a wide frequency range—from 2 MHz up to 80 MHz—and capable of high data rates—up to 20 MB/s, the FCC said. In addition to viewpoints on interference potential, the FCC also has requested comments on the current state of high-speed Broadband over Power Line" (BPL) technology, test results from BPL experimental sites, appropriate measurement procedure for testing emission characteristics for all types of carrier-current systems, changes that may be needed in Part 15 technical rules, and the equipment approval process to foster the development of BPL. Tests of BPL are under way in several states, including Alabama, Maryland, Missouri, New York, Ohio, Pennsylvania and Virginia. Hare says ARRL Lab personnel will visit some of the test cities this spring to take field measurements to quantify the potential for interference to Amateur Radio operations. —ARRL

## ARRL to Fight Intruders in Microwave bands

ARRL General Counsel Chris Imlay, W3KD, urged those attending the annual conference of the Southeastern VHF Society <http://www.svhfs.org/> April 26-27 to continue to occupy the microwave bands. The ARRL official also encouraged the group to develop new and innovative communication techniques—such as IEEE 802.11 high-speed wireless—to expand Amateur Radio's presence on its microwave allocations. Imlay told some 70 amateurs attending the SVHFS event in Huntsville that amateurs were being asked to share their VHF and UHF bands with more and higher-powered unlicensed Part 15 devices, and he pledged the League's aggressive defense against these intruders. "The FCC seems to want the amateur community to accept higher and higher 'interference temperatures,'" Imlay said, referring to higher noise levels caused by increased band occupancy. "We will fight that!" —ARRL

## AMSAT to Launch ECHO later this year

New Echo satellite could be launched this year: AMSAT President Robin Haighton, VE3FRH, says AMSAT hopes to launch its new "Echo" satellite, now under construction, later this year. "Progress is good, and we hope to have the satellite under test during the late spring or early summer," he said in a recent AMSAT President's Letter. The so-called "AO-E" satellite will offer analog (including FM voice) and digital operation, high downlink power (7 W nominal), multiple channels (two transmitters), simultaneous voice and data, a multiband/multimode receiver and a turnstile UHF antenna. Optional payloads include APRS and PSK31 support. More information on the Echo project is available on the AMSAT-NA Web site:

<http://www.amsat.org/amsat/sats/echo/article-02-11.html>

—AMSAT News Service

## Three New Members Admitted to IARU

By vote of the present member-societies of the International Amateur Radio Union (IARU), three new members — National Association Radioamateurs of Georgia (NARG), Federation of Radiosport of the Republic of Armenia (FRRA), and Vietnam Amateur Radio Club (VARC) have been admitted to the IARU effective 4 April 2003. —IARU

## Logbook of the World

ARRL's Logbook of the World (LOTW) system is a repository of log records submitted by users from around the world. When both participants in a QSO submit matching QSO records to LOTW, the result is a QSL that can be used for ARRL award credit. To minimize the chance of fraudulent submissions to LOTW, all QSO records must be digitally signed using a digital certificate obtained from ARRL. Obtaining such a certificate requires verification of the licensee's identity either through mail verification (US) or inspection by ARRL of required documentation (non-US). [These verification requirements are waived during the beta-test period presently in progress.] Software developed by ARRL can be used to convert a log file (in ADIF or Cabrillo file format) into a file of digitally signed QSO data, ready for submission to LOTW. —ARRL

## FCC Declines to grant LF allocation, Gives channelized access to 5-MHz.

The FCC bowed to power company concerns and declined to grant amateurs an expected sliver-band allocation at 136 kHz "at this time." But, in a compromise with government users, the Commission gave amateurs secondary access to five discrete 2.8-kHz-wide channels in the vicinity of 5 MHz instead of the 150-kHz band ARRL had requested. In its Notice of Proposed Rule Making a year ago, the FCC appeared inclined to go along with both ARRL requests. . —ARRL

## Canada Day Contest

Contest Period 0000 UTC to 2359 UTC July 1

Bands and Modes: 160, 80, 40, 20, 15, 10, 6 and 2 metres, CW and phone (SSB, FM, AM, etc.) Suggested frequencies: CW - 25 kHz up from the band edge; SSB -1850, 3775, 7075, 7225, 14175, 21250, 28500 kHz.

**Exchange:** Stations in Canada send RS(T) and province or territory.

See the current issue of TCA, page 62, for details or

[Http://www.rac.ca/CANDAY.htm](http://www.rac.ca/CANDAY.htm)



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# The Ottawa Amateur Radio Club

is pleased to announce its 7th Annual

# Hamfest

**Saturday, August 30, 2003 (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: 1 pm - 4 pm (approx)**

Carp Agricultural Fairgrounds  
3970 Carp Rd (at Falldown Lane)

**Ottawa (Carp), Ontario**

From Ottawa take Highway 417 west to Carp Road exit, north to the fairgrounds

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 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](mailto: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	
Mailing Address					Apartment Number
City		Province		Postal Code	
Home Phone		Work Phone		E-mail Address	

**Date**

**BBN**  
  
For Office use only

One year membership. Regular or Associate. Includes mailed Rambler - \$25/year  
 One year membership. Regular or Associate. Without mailed Rambler - \$20/year  
 Family membership. For family of current members. No mailed Rambler - \$5/year

Amount Enclosed  
**\$**

Cheque    Cash

**My Interests are:**

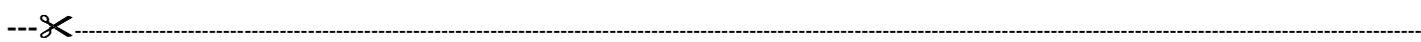
VHF/UHF Phone	VHF/UHF Digital	VHF/UHF CW
Satellite	HF Phone	HF Digital
		HF CW

**Current Occupation:**

**If retired, Former Occupation:**

**Skills:** *(Please list them all)*

**COMMENTS**



**OVMRC NAME TAG — ORDER DETAILS**

First Name

Call Sign