



February 2002

Quinte Amateur Radio Club Inc. Newsletter

PO Box 23039 BELLEVILLE Ontario K8P 5J3

NOTICE OF MEETING:

DATE / TIME: Wednesday February 20, 2002

LOCATION: Loyalist College (Pioneer Building) **Room P-17**

PROGRAM: Morse Code testing, and a RAC video on Emergency Communications.

Club Repeater: VE3QAR 146.985 MHz. 2 meter net: Wednesday 7:00 PM

QARC HomePage <http://www.qarc.on.ca>

QARC HomePage <http://www.qarc.on.ca/> provided free of charge by:

Lakeshore Internet Services, 199 Front St, Suite 113

Belleville K8N 5H5 (613) 962-9299

Monthly Meetings: 3rd Wednesday 7:30 PM Loyalist College
(Pioneer Bldg.) Room P-17

Hams 'n Eggs: SATURDAYS 8:00 AM Northway Restaurant 205 N. Front St

Foxhunt: Sundays at 2PM. Check in on VE3QAR for details.

RADIO AMATEURS OF CANADA ADDRESS:

Radio Amateurs of Canada Administrative Office 720 Belfast Road, Suite 217
Ottawa, Ontario K1G 0Z5

Phone: (613) 244-4367 **Fax:** (613) 244-4369.

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QARC EXECUTIVE

PRESIDENT: Peter Hodgson VA3PKH 962-1386 (E-mail: va3pkh@rac.ca)

VICE-PRESIDENT: Bill Milligan VA3WOW (E-mail va3wow@rac.ca)

SECRETARY: Mike Papper VE3VMP 969-1744 (nancy@lks.net)

TREASURER: Don Dalrymple VE3DQN 968-9242 (E-mail: ve3dqn@rac.ca)

PAST PRESIDENT: Dave Ackerman VE3UGT 962-3991 (E-mail: ve3ugt@rac.ca)

Quinte Amateur Radio Club Minutes

January 16th, 2002

Mike, VE3VMP Secretary, QARC

The executive present were:

President VA3PKH Peter Hodgson

V. President VA3WOW Bill Milligan

Secretary VE3VMP Mike Papper

The meeting was opened promptly at 7:30 PM by president Peter Hodgson, VA3PKH, and wished all a Happy New Year

Ron, VE3IVC, provided an update on ARES advising us that our boundaries have been changed. The QARC ARES boundaries are: south of Stirling, west to Brighton and east to Napanee and south to the Bay of Quinte. The Tri-County ARC boundaries are now Stirling to Bancroft to the north and from Tweed to Havelock and north Kawartha (part of Peterborough county) and Trent Hills (formerly Campbellford, village of Hastings and Workwarth). Before the QARC looked after this entire area. Also Bill, VE3WOW is the ARES coordinator for Prince Edward County.

Identification Tags for the COAX associated with antennae located in emergency locations has been made up by Ron, VE3IVC indicating the purpose of the assembly and a telephone number to contact an ARES Director. These Tags will be attached in the near future when there will be an inspection of each antennae location.

There will be a meeting of the regional ARES groups on Sunday January 27th at 1:00 PM in Eldorado.

Ron also announced that the MS Society are again requesting the services of the Club on May 26th for their annual Walk-a-thon. If you would like to participate let Ron know.

Ron, VE3IVC and Peter, VA3PKH participated in last week ends annual Dog Sled Races, providing times at various check points. It was very cold.

Tim, VE3UO, reported that there is no further developments on the repeater antenna relocation project that is scheduled for this coming spring/summer.

Tim is looking for volunteers for the upcoming Loyalist 5K and 10K Run on March 17th. More details at next month's meeting.

Peter, VA3PKH, mentioned that Net Controllers are still required for the Tuesday night Bay Bridge Net. Please volunteer.

Peter, VE3KWM, announced that there will be a Ham Auction in April and would like to have it on the QARC's meeting night, if possible. He is asking for any donations or contributions and will accept consignments. Some discussion arose suggesting another time because the Club has a time limit in the use of the meeting room. Another suggestion is to start the meeting earlier than 7:30 PM to accommodate the auction. The time and place will be resolved at the February meeting.

Dave, VE3BIP, announced that the QARC and the PERC will be hosting a joint FOX HUNT. The boundaries will be within Prince Edward County. Neighboring Clubs will be invited. The date is: Saturday May 11th starting at 12:00 NOON. The start location will be at Roblin Lake Park in Ameliasburg. There will be a novice course (one or two transmitters) and an expert course

(three transmitters). If you have never Fox Hunted get in touch with Dave, VE3BIP; Peter, VA3PKH; Tim, VE3UO; Ron, VE3IVC, Ralph, VE3CSU; Brian, VE3GRA; or Dave, VE3UGT, who are regular Fox Hunters, and you could ride “shot gun” with one of the “Hounds”.

If you are looking for electronic components for a project you have in mind or the use of older type test equipment contact Doug Maloney @ 967-6660.

Our guest speaker was our own Vice President Bill Milligan, VA3WOW. His topic was the Life and Times of Reginald Fessenden. The following are excerpts from his talk. Reginald Fessenden was born in 1866 in the regional township of Quebec. He died in Bermuda in 1932. At 14 years of age he went to Trinity College in Port Hope. His ideas about Radio transmission differed from Marconi and there were many comparisons through out the presentation between Fessenden and Marconi. The Canadian government would not give support to Fessenden because they were already supporting Marconi; so he decided to go to the USA.

In 1900 joined the US weather service because they were using CW to communicate between weather stations. Fessenden sent the first wireless signal on December 23rd 1900, before Marconi’s transmission of the letter “S” in Morse code. He also went on contract to the United Fruit Co., and in 1906 Fessenden made the first “voice” radio broadcast by saying, “This is Reginald Fessenden Merry Christmas”. This was a broadcast because for the first time ever, it went to many different trading ships around the world at the same time. In 1906 Fessenden transmitted the first “radio show” using voice. Fessenden also worked with George Westinghouse and Thomas Edison while he was professor of Electrical Engineering in Purdue University. Fessenden owned 500 patents including AM Radio, Lorain, the garage door opener, just to name a few. Many of his patents were stolen. He became known as the “Father of AM Radio”.

Bill, VA3WOW, also used an audiotape that described the life and times of Reginald Fessenden. For more information on Reginald Fessenden use the search engine Copernic 2000 and type in Reginald Fessenden; hundreds of articles will appear! Also Reginald’s middle name was “Aubrey”. There is a repeater in Thorold, just south of St. Catharine’s, named in his honour, VE3RAF.

The “Door Prize Draw, a very neat little mobile speaker, was won by Pat, VE3KJP.

After the presentation we had our usual “rag chew” and refreshments.

The meeting adjourned about 9:00 PM

The attendance was 26, a very good turnout.

QRP

Warren, VE3JPW Source: The Planetary Report, Nov/Dec. 2001

Think you have done some outstanding QRP, and that the Energizer Bunny puts out big time? Now hear this! The Pioneer 10 spacecraft, launched in March 1972, continues to send signals that are being received and processed here on planet Earth. That's pretty good considering the TX power is only 8 watts, and the spacecraft is about 79 astronomical units (AU = mean distance between the Sun and Earth or about 150 million Km) away from us. (You do the math.) Hey, wake up! Hi Hi!

Morse Code Proficiency Testing

A reminder that testing for the RAC Morse Proficiency Certificates will be done at this month's meeting. Please contact Tim VE3UO ve3uo@rac.ca or 969-8012 if you would like to be tested. Tim will be set up for all speeds up to and including 20 wpm. Testing procedures will be done as per Industry Canada's RIC-1, section 6.

IRLP News

Randy Neals

A new node in Toronto would like to hear from you. Please drop by! We had a work party at the VE3MOT/VE3YYZ repeater site today. IRLP node 227 is fully operational serving downtown Toronto. All are welcome to call into Toronto or use the node if you are in town. We may be sitting on Reflector 910 to generate some interest in that reflector also. Please drop by and say hi! VE3YYZ provides top-notch downtown Toronto coverage, and extensive HT coverage throughout most of the 416 area code. VE3MOT is collocated but not working quite as good due to some desense. (Two FM broadcast TX on the site 600 KHz apart!)Also linked in via RF is a repeater about 60 miles East of Toronto near Cobourg, which has coverage from Trenton to Oshawa along the 401 and north of Peterborough. Currently all three repeaters are linked together and no special procedure is required to use IRLP. The RF links are transparent to the operation. Repeater Details: Toronto Downtown First Canadian Place (72 story building with roof tower - Tallest building in downtown at King & Bay) VE3YYZ 443.050+VE3MOT 147.180+ (PL 103.5) Cobourg/PeterboroughVery wide coverage from FM/TV broadcast tower. VE3MXR 444.975+ (PL 103.5) Look forward to talking to you, 73 Randy Neals, VE3RWNVE3RWN-node 277VE3MOT-node 227Reflector 910 in Torooooonnnntttoo!

Elections of Officers

A reminder to everyone that May is election month. If anyone is interested in being on the executive please contact Dave Ackerman VE3UGT at 962 3991 or ve3ugt@rac.ca .

The First Annual Tour of the County

A Hidden Transmitter Hunt In Prince Edward County

Sponsored By: Quinte Amateur Radio Club & Prince Edward Radio Club

Prince Edward County is an island in South-Eastern Ontario surrounded by Lake Ontario and the Bay of Quinte. It has about 600 square kilometres of beautiful scenery, backcountry roads, and numerous parks and recreation areas. As such it is a perfect area to hold a hidden transmitter hunt. For more information on Prince Edward County visit their web site at <http://www.pec.on.ca>. This hidden transmitter hunt is the first of what we hope will become an annual event.

Date and Location

All transmitters will be within the natural boundaries of Prince Edward County and they could be located anywhere within the county. All transmitters will be in a publicly accessible area. This will be a combination of a driving and on foot hunt, although it will be possible to drive to within a few hundred meters of each fox. All foxes will be located along roads, which are possible to navigate with a regular vehicle i.e. an SUV. A 4-wheel drive vehicle will not be required.

The hunt will begin at 12:00 noon on **Saturday, May 11, 2002** and will begin at **Roblin Lake Park** in the village of **Ameliasburgh**. The park is located on County Road 19, behind the Ameliasburgh Township Hall and O.P.P. Satellite Office. The G.P.S. co-ordinates are: 44 degrees, 3.5 min N; 77 degrees, 26.025 min W. (Grid square FN14gb)

Talk-in

VE3QAR repeater 146.985 Mhz, IRLP node 209.

Maps

A Prince Edward Chamber of Commerce "red map" of the county will be provided at the beginning of the hunt to all those teams that preregister. However the hunters may want to bring their own more detailed maps.

Transmitters

There will be three transmitters operating on 2 metre FM at a frequency of 146.565 Mhz. The transmitters will transmit for one minute at a time in a three minute cycle that is 1, 2, 3, 1, 2, 3, ... The transmitters may be automated or human operated. They will start transmitting at 12:00 PM. Transmitters 1 and 2 will transmit until 2:00. Transmitter 3, which will be at the finish point will transmit until 3:00 PM. Beginning a 2:30 PM Transmitter 3 will provide ever more specific clues to help any stragglers.

It may not be possible to hear all 3 transmitters at the start location but at least one will be audible. However, once you have found one transmitter another one will be audible.

Equipment

There are relatively few restrictions on the equipment the hunters can use.

All of the equipment used must be carried in the hunter's vehicle or by the team for the on foot portions of the hunt. The hunters may not exchange information with anyone else including other hunters. The hunters should not transmit on the fox frequency. If the hunters need more information someone will be monitoring the Prince Edward Radio Club repeater VE3TJU 146.730.

There will be a few directional antennas and attenuators available to be loaned to teams that do not have any equipment on a first come first served basis.

Scoring

The scoring will be determined by the number of transmitters found and by the total distance driven. *In order to encourage safe driving speeds, time will not be a factor in the scoring.* The hunters will be provided with a scorecard at the beginning of the hunt. They will mark the card with a coloured pencil that will be fastened to each hidden transmitter.

Eligibility and Classes

Anyone is eligible to participate, including people who are not licensed radio amateurs. It will not be necessary for the hunters to transmit. The emphasis is on fun so bring your spouse, kids, grandmother, or families dog; form a team and have a nice drive/hike in the county.

There will be two classes of entrants; **beginners** will have to find transmitters number 1 and 3, **experts** will have to find transmitters 1, 2, and 3.

If you are a first time hunter let us know and we can provide some instruction approximately 1/2 hour prior to the start of the hunt.

Cost

There will be no charge to enter the hunt.

Post Hunt Get Together

Following the hunt there will be an outdoor picnic with refreshments. We will also announce the results at that time.

Prizes

Bragging rights only!

More Info

Bookmark this webpage <http://www.qarc.on.ca/countyfox.html> as current and updated information will be posted here when it becomes available.

To register for the hunt, contact:

Dave Ward VE3BIP telephone: 613-966-9982.

Dave Ackerman VE3UGT telephone: 613-962-3991.

Tim Pekkonen VE3UO telephone: 613-969-8012.

The Great Lakes Qso Party

Saturday March 9th 17:00Z through Sunday March 10th 04:00Z

"Work The Great Lakes States And Canada"

Phone And CW Class A= 100W Plus...Class B= 100W Or Less...Class C= Qrp Recognized Great Lakes States And Canadian Provinces Are Multipliers Michigan, Illinois, Indiana, Wisconsin, Minnesota, Ohio, Pennsylvania and New York, Canada VE2-VE3 and VE4. Manitoba and Quebec have been included even though they do not directly border the Great Lakes. They are part of the Great Lakes region and deserve inclusion. We also felt that we wanted to include more than just one Province. Please Note You need not be from a Great Lakes State or Province to Participate. The GLQP is a Regional Qso Party.

Suggested Frequencies Phone: 3880, 7230, 14290, 21350, 28400, Also 6M SSB and FM, 2M SSB and FM CW: 3560, 3710, 7050, 7125, 14050, Also use 15M CW, 10M CW, 6M CW, 2M CW

Winner Take All Logs And Totals for the 2002 Great Lakes Qso Party Must Be Received No Later Than 04/25/02

GREAT LAKES QSO PARTY - PRINTABLE FORM

Michigan DX Association

Your Name _____

Call _____

Street Address _____

City _____

State _____

Zip _____

Submission Class _____ **Class A=100W+... Class B=100W or Less... Class C=Qrp**

Total Contact Points _____

Total Multipliers _____

Grand Total Score _____ **Your eMail Address** _____

Scoring

Each station can be worked only Once on Each Band for Points.

Each Great Lakes State and VE2, VE3 and VE4 Province Contact, scores 2 Points Phone and 3 Points CW. 1 Point Phone and 2 Points CW for "Non Great Lakes State Or Provinces". All Qrp contacts are 2 points for *any* state or mode! Remember, you must tabulate your total score, we just don't have the time to do this for you! You may enter only one class, no mixing! Send your Totals And (Logs) To: MDXA Events Manager... O-947 Lake Michigan Drive... Apt A... Grand Rapids, MI.. 49544. **Please Include a "Donation" with your Logs to offset the cost of the Trophy.. Thanks... Include your e-mail address.**

Treasurers Report

MONTH TO DATE

Revenue		Expenses	
Membership Dues	\$225.00	Rac Membership	
Coffee	\$9.25	Office Supplies	\$20.55
50/50 Draw		Incorporation	
Hamfest Income		News letter printing	\$11.04
Interest		Insurance	
		Social Events	
Total revenue	\$234.25	Total Expenses	\$31.59
		Month to Date Income	\$202.66

YEAR TO DATE

Revenue		Expenses	
Membership Dues	\$875.00	Social Events	\$3.95
Hamfest Income	\$300.00	Post box rental	\$77.04
50/50 Draw	\$23.50	Office supplies	\$130.75
Coffee	\$37.62	News letter printing	\$75.29
Repeater Move	\$0.00	Door Prizes	\$5.00
Interest	\$1.55	Insurance	\$544.32
		Donations	\$42.75
		RAC Membership	\$39.95
		Hall Rental	\$115.00
Total revenue	\$1,237.67	Total Expenses	\$1,034.05