



September 2001

Quinte Amateur Radio Club Inc. Newsletter

PO Box 23039 BELLEVILLE Ontario K8P 5J3

NOTICE OF MEETING:

DATE / TIME: Wednesday, September 19 @ 7:30 PM

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

PROGRAM: Video on the early years of The Marconi Radio Company

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: Sunday at 2:00 PM. check in on VE3QAR for details.

RADIO AMATEURS OF CANADA ADDRESS:

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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)

Minutes QARC Meeting June 20, 2001

Called to order by President Peter VA3PKH at 7:30 PM.

Guests Present: Winston Seeney VE3WFS, Hugh McCully VE3AWR, Les Armstrong VA3WLA.

Items Discussed:

- 1) Last minute Field Day Preparations - who's bringing what?
- 2) Ron VE3IVC reported that the club has received a plaque and letter of thanks from the MS Super Cities walk.
- 3) No summer meetings - we will have 'Pizza Nights' on July 18 and August 15 at 7:00 PM at Pizza Hut in Belleville.
- 4) Guest Speaker: Winston Seeney VE3WFS gave a presentation on his experiences with Amateur Radio both at home and while travelling. He also gave a presentation about Durham Radio.
- 5) The QARC thanks Winston and Durham Radio for their Door Prize donations. They were won by Dave VE3UGT (book), Jim VE3GBJ (small SW portable) and Ron VE3IVC (book).

Hugh VE3AWR also donated a Ont. Repeater Directory, won by Tim VE3UO.
Warren VE3JPW won the book of Tim Horton's coupons.
50/50 Draw won by Hugh VE3AYR.

Members and Guests:

VE3BND Clare Faulkner	VE3GBJ Jim Ballard
VE3OX Al Smardon	VE3UGT Dave Ackerman
VE3EBS Norm Kalnay	VE3IVC Ron Chapman
VA3PKH Peter Hodgson	VE3BIP Dave Ward
VE3JPW Warren Wright	VE3TQE Bob O'Hara
VE3GSI Eric Reid	VA3WLA Les Armstrong
VE3AYR Hugh McCully	VE3GI Al Smith
VE3WV Al Taylor	VA3ORC Owen Clark
VE3EER Dick Hayes	VA3ALS Al Sukha
VA3HJM Harry McMurter	VA3YID Hugh Mansley
VE3GJS Greg Schatzmann	VA3LHM Lee McMurter
VA3WOW Bill Milligan	VE3UO Tim Pekkonen

Hamfest Weekend

Great Napanee Hamfest 2001

Kingston and Quinte Amateur Radio Clubs Saturday, September 15, 2001 Selby Community Hall 4 km north of Napanee on Hwy 41 - exit number 579 off the 401.

Opening times 9 am to 2 PM Admission \$2.00 VE3KBR 146.94(-) and 146.49 MHz simplex. Amateur Examinations (Basic, Advanced, 5wpm) to be conducted. Demonstrations: APRS: Automatic Position Reporting System IRLP: Internet Radio Linking Project, Foxhunting Demo: demonstration of hunting equipment and techniques -passive and active attenuators, quad and yagi antennas, automated foxes. Find out when hunts are held locally. Participate in an actual hunt onsite - (please bring a 'handie-talkie' to use) All hunters finding the 'fox' will be entered in a draw for a prize!

Dealers: Star Trophies of Belleville, Durham Radio, Radio HF and ELKEL. Organizations: Radio Amateurs of Canada, Ontario DX Association, Kingston Amateur Radio Club, Quinte Amateur Radio Club and Prince Edward Radio Club. Check website for current information. WWW page <http://www.king.igs.net/~karc/hamfest.htm>

Eldorado Hamfest and Tailgate Party

Tri-County ARC Sunday, September 16, 2001 From Peterborough, Toronto etc. Travel east on Highway 7 to the Highway 62 intersection at Madoc. Turn North on 62 Highway and travel (about 6 miles) to the Madoc Township Community Centre that is located on the West (Left) Side of the Highway. From Ottawa, Perth etc travel west on Highway 7 to the Highway 62 intersection at Madoc. Turn North on 62 Highway and travel (about 6 miles) to the Madoc Township Community Centre, which is located on the West (Left) Side of the Highway. From Bancroft travel south on 62 Highway through Eldorado to the Madoc Township Community Centre, which is located on the West (Right) Side of the Highway. Opening times 9 am to 2 PM Cost Admission FREE, Tables FREE Talkin 146.520 Simplex.

Foxhunting in Montreal

Dave Ward VE3BIP

At the beginning of my vacation this year, my wife and I decided to spend a few days in Montreal and participate in the annual Montreal Amateur Radio Club foxhunt. Well, perhaps the part about the foxhunt was more my decision than hers.

This year the Montreal Foxhunt was a true "International" style hunt. It took place in Terra Cotta Park in Pointe Claire, a suburb on the West Side of Montreal. An international style hunt uses five transmitters which are distributed through a woods or forest. The five foxes transmit on the same frequency, one at a time for one minute each, making up a five-minute cycle. A sixth transmitter is placed at the finish line. It transmits continuously on a different frequency and serves to help the hunters find their way to the

finish area. The hunters hunt on foot and attempt to find as many foxes as possible in a fixed time period, usually 2 hours. Each of the fox locations is marked with a small coloured plaque and has a paper punch with a unique shape. The hunters carry a card and punch the card as they find each transmitter. For more information on international style hunts check out <http://members.aol.com/homingin/intlfox.html#iaru> .

This year the Montreal hunt was organized by Steve, VA2SMF with help from his father Ray, VE2SJA. The hunt was very well organized and everything worked as planned, each hunter was provided with a very good map of the park and everything worked well with the exception of a small glitch in one of the foxes. From my perspective the only disappointment was the relatively small turnout, there were only four teams hunting. Steven is talking about organizing another hunt in the fall. If he does, perhaps we can organize a small contingent of QARC hunters (or any other interested hunters), and make a day trip.

Terra Cotta Park is about 100 acres in size and about 1/2 of the area is very dense bush. There are five main trails that run through the bush and many, many side trails. Some of the side trails are dead end and some serve as a shortcut connection between the main trails. The bush is dense enough that it is not practical to walk through it, you have to stick to the trails. The foxes were scattered around the park, some in an open area and some in the thick brush. My basic strategy was to go to the closest fox (strongest signal), then from that point to the next closest and so on until I had found all five. The fox that I had the most difficulty with was adjacent to a building close to the start/finish point. All told it took me 92 minutes to find five foxes. I estimate I walked about 4-5 kilometers.

For this hunt I borrowed a 2-element "tape measure" beam and offset attenuator from Brian, VE3GRA. In fact, all of the hunters but one also used some sort of tape measure beam and active attenuator. I knew from my previous on foot hunts that passive attenuators are not effective once you are within a few hundred feet of the fox. The real problem is the RF leakage through the body of the radio overwhelms the attenuated signal and it is impossible to get a reliable indication of direction. The offset attenuator overcomes this problem and the borrowed equipment worked very well. I was able to get accurate direction readings at a distance of about 10 feet from the foxes. It worked so well that I am in the process of building a duplicate set of equipment. One problem I did have was severe intermod interference. It was so bad that there was usually only a 10 - 20 second period out of each 60-second fox transmission where it was possible to hear the fox signal. This is definitely something that needs to be worked on for the next time.

All teams started at the same time and in this hunt, like most others, it always amazes me how a group of hunters using more or less the same equipment and listening to the same foxes become quickly separated. After about 20 minutes I lost touch with the other teams and didn't see them again for the about the next hour or so until I was close to the finish line. All of the teams were able to find 4 or 5 foxes in times ranging from 92 minutes to 138 minutes.

This hunt was very well organized and a lot of fun. I would definitely participate again. For more information about the Montreal Amateur Radio Club, their foxhunts, and some good fox hunting related homebrew projects go to <http://www.marc.qc.ca/fox.html>.

Mother Daughter Walk

There is a walkathon for the mother and daughters heart and stroke group on the Sunday Sept 23 at the Zwicks Island as in the past years from 1 until 4.30. Let us know if you are going to be able to help there as well. We will need about 6 or 7 sites around the island walk way. In the past there has been a good response so we are looking forward to seeing you there.

Contact Ron Chapman at ronald.chapman@sympatico.ca or on VE3QAR Repeater.

Toronto Auto Racing Club Car Rally

The Toronto Auto Racing Club is holding a rally in this area on Sept 22 from 1 PM till 5 PM. They would like to know if we could have at least 4 locations covered with radio communications. They would like a base set up at the Brier fox Golf club as well as three sites on the rally route. Gail Walker who represents the Racing Club will be sending me a map of the route and will indicate where we would be needed. They would like us on site from about 2:30 PM till 5 PM.

This will be a time rally so the drivers will be judged by the times they arrive at the various points. No high speed runs. This could be an annual event in the future. It sounds like a good deal so if anyone is interested please Contact Ron Chapman at ronald.chapman@sympatico.ca or on VE3QAR Repeater.

VE3GLN Amateur of the Year 2000

From: RAC Headquarters

The RAC Board of Directors takes great pleasure in announcing their election of Glenn McLeod, VE3GLN of Ottawa, as the Canadian Radio Amateur of the Year for 2000.

Glenn retired as a Major in the Canadian Armed Forces in 1988 and is currently logistics officer at the Communications Research Centre. He was licensed in 1978 as VO1DV, later as VE3MPR and now VE3GLN. He is active on all bands and modes from 160 metres through to 70 cm with 270 countries confirmed.

Glenn's contributions to amateur radio are many, however it is for one particular achievement that Glenn earned this award for the conception and organization of a record-breaking 35A Field Day entry in the Ottawa-Hull region. It was this event where the opening ceremony was honoured with the presence of representatives from RAC, RAQI and the ARRL. The event was officially opened by Michael Binder, Assistant Deputy Minister, Spectrum Management, Industry Canada, who addressed the public and emphasized the contribution of Amateur Radio to the service of the public.

An engraved silver tray, will be presented to Glenn by Doug Leach, VE3XK, RAC Ontario - North Regional Director.

RAC CONVENTION 2002

July 26,27,28,and 29 2002 marks the date of the Second RAC National Convention. The event will take place on the above dates in the city of Vernon British Columbia. The sponsoring clubs are the North Okanagan Amateur Radio Club (NORAC) and the Orchard City Amateur Radio Club (OCARC) Further details will be announced when available via bulletins and the website at www.rac2002.org

IARU Region 2 Conference in Guatemala City

In October, delegates from national Amateur Radio societies from all over the Americas will be meeting at the IARU Region 2 Conference in Guatemala City. These conferences are held once every three years in each of the three IARU Regions.

As a member society of the International Amateur Radio Union, Radio Amateurs of Canada has allocated funding for RAC President Oelke to attend the October 2001 IARU Region II Triennial Conference. To strengthen the Canadian presence, the following volunteers have agreed to join President Oelke in Guatemala City at their own expense; RAC Vice President of Regulatory Affairs, Tim Ellam, VE6SH, RAC Quebec Director Daniel Lamoureux, VE2KA and Jacqueline Lamoureux, VE2AX. President Oelke will act as head of the Canadian Delegation.

On the conference agenda will be some very important issues including the WRC 2003 items on the proposed realignment of the 40 metre band and possible changes to the ITU regulations governing Amateur Radio. RAC has submitted papers seeking support for the Canadian position on both of these questions. RAC has also submitted a paper seeking regional support for its application for a new amateur band at 135 kHz.

There will also be some important administrative matters on the conference agenda. There is a proposal to revise and update the by-laws and constitution of IARU Region 2. There is also a proposal to increase the size of the Region 2 Executive Committee.

These items have been discussed at length by members of the RAC Board, in order to provide guidance and direction to the delegation.

RAC supports the proposed by-law changes, but is opposed to any increase in size of the IARU-Region 2 Executive Committee at this time.

More information about the Conference can be found on the IARU Region 2 Web site at: <http://www.iaru-r2.org/>