

**Q**

**uinte Amateur Radio Club**

**R**

**Belleville**

**adio**

**M**

**P.O. Box 292**

**Ontario, K8N 5A2. Newsletter By Don Dalrymple VE3DQN**



\*\*\* NOTE \*\*\*

There will be a Flea Market held on June 13, 1992 at the Marmora area Curling Club. Admission \$3.00

\*\*\*\*\*  
\* SPECIAL NOTE \*  
\*\*\*\*\*

The Foxhunt has been moved to MAY 9, 1992  
due to a conflict with the Wakathon.  
The location and time are the same.  
Mirage parkinglot 9:00 Am after H ams and eggs.

\*\*\*\* Reg Varco Award \*\*\*\*

We are still waiting for nominations for Reg Varco Award.

We are still looking for all kinds of equipment and material for Field Day. Also people to man the stations. This is a good time for those that do not have HF qualifications to get some air time under the Club Call.

\*\*\*\*\*  
I would like to request that all Club  
Members send me the date on which  
they became a member of QARC  
I would like to compile a  
list showing the  
month and  
year

\*\*\*\*\*To Any Interested Member\*\*\*\*\*

The Club Has an Icom 735 HF Transceiver  
that is for rent by members for the sum  
of \$1.00 per day. Please contact a member  
of the Executive to make arrangements.

\* \* \* \* \* SPECIAL ANNOUNCEMENT \* \* \* \* \*

The meeting this month is election night. I understand that our Vice President, and our Sectetary will not be running for office again. The president and Treasurer will be running again and I will still produce the News Letter.

THE FOLLOWING ARE NEW HAMS

Karen Bower	VE3RNI	Dave Ackerman	VE3UGT
Robert Rollins	VE3BIN	Max Deroches	VE3MXX
Don Shears	VE3UHO	Ron Hovinga	VE3UGU
John Olesen	VE3UFS	Art Lines	VE3XGR
Jim Chalk	VE3UCH	Shirley Brooker	VE3BCI
John Sanders	VE3BPA	Dave Scarlett	VE3KZD
Fred Smith	VE3UHQ		



## THE NEW CPC 2-0-03: Another Look

A few weeks ago, I received some documents from the Radio Advisory Board of Canada (RABC) Land, Fixed and Mobile Committee, of which CRRL is a member. Among the usual minutes and reports was a new provisional document from DOC dated 1992 February 1: CPC-2-0-03 Issue 2, Environmental Assessment Process Associated with Spectrum Management Activities. I grabbed it and started reading. So did our editor over in London, Harry MacLean, VE3GRO, whose comments on the document appeared in May's issue QST Canada.

At this time, I would like to comment on the document's Appendix C: "Minimum Safe Distance Calculations for Non-ionizing Radiation in accordance with Safety Code 6". I have some grave reservations regarding the application of the calculations--and the curves based on these calculations--to the Amateur Service. I am particularly concerned about how these curves could affect the amateurs who are members of the HF and VHF DX communities.

1. The curves are based on 100 percent duty cycle, presumably over an eight-hour day--in other words, an occupational does. What if a neighbour who objects to having an amateur in the neighbourhood decides to make life difficult by citing the curves to a municipality? What if the neighbour then asks for an injunction against operating until the amateur proves that his levels of radiation are safe? By the time things work their way through the bureaucracy, the amateur may be collecting butterflies instead of operating his or her radio.

2. How can a technically illiterate public be expected to convert the curves so they will apply to amateur stations that use directional antennas on high towers? Will the burden of proof of safety be put on the amateur? What if the amateur changes antenna, power level or mode of operation? Will an environmental assessment be needed each time? Aside from what is in the motherhood statements at the beginning of Appendix C, just how are we to comply with the requirements?

3. Amateur Radio is a progressive, experimental service that supports a strong worldwide VHF-UHF DX community that uses high ERP in moonbounce, meteor-scatter, F-layer and auroral communications. The curves in Appendix C threaten to destroy the ability of the amateur community to design, construct and utilize innovative communications systems. Amateurs have been exploring and utilizing the vast resources of the VHF-UHF bands for some 60 years, but DOC does not acknowledge these activities, and acts as if we use the higher bands only for relatively low-power repeater and packet operation.

4. Amateurs have been communicating by satellite for some 30 years. The curves threaten our ability to communicate by satellite.

5. Amateurs compete in contests, both on the HF and VHF-UHF bands. This competition encourages the use of high power and large antenna systems. The curves threaten to impair our ability to compete. We would become a third-rate power in the contest world. The above comments are my own. However, as a VHFer and a professional engineer working in "an area of risk", I see no end to problems related to the curves in Appendix C, and the interpretation of these curves by the public, municipalities and even the DOC staff. The Amateur Service should not be expected to comply with these curves, which may be fair for services where transmitters are run "key down" eight to twenty-four hours-a-day into certain types of antennas, but have little to do with the way we operate in the Amateur Service.

Some related thoughts: DOC wants to mandate compliance with the curves, but there is still no worldwide consensus on the exact effects of  $\mu$  on the human body. Thus, we feel that DOC's action in bringing out this document is very premature. To date, there has been little opportunity for input. You have to wonder if DOC is more concerned with being expedient than fair. We do need time to study this document.



This is why Ernie Welling, President of RABC, recently stated: "As the Board [RABC] was not consulted and did not take part in the discussion of this proposed circular, [and] our sponsor members are seeing it for the first time and are expressing concern that it should be reviewed in depth.... RABC requests that an extension to May 30, 1992 be granted".

To solidify the amateur position, Ralph Cameron, VE3BBM, representing CARF, and myself representing CRRL will be working on a joint CRRL-CARF position paper as part of our comments to RABC. We will be drawing on some very talented technical and legal expertise, but we want your ideas as well. Contact us, VE3DSS @ VE3OY, or write to us at our home address. We'll keep you posted on developments. --Dana Shtun, VE3DSS, Vice President, CRRL; Chairman, CRRL VHF-UHF Advisory Committee.

A letter has been received from Terry Darling thanking the Club for the donation of the equipment rack.

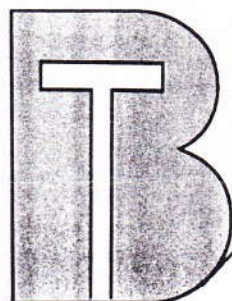
The Club is accepting bids on our Tri Band Beam. Anyone interested please contact a member of the executive.

There will be another foxhunt on June 20th same plan as the one in May.

June 1st is the deadline for names to be entered in the Quinte Amateur Radio Directory as it should be available about June 15/92. The cost will be \$3.00.

The terminals we got from Northern are available to Club members for the sum of \$30.00. Please contact Al Smardon VE3OX.

It is with sadness that we note the passing of Elizabeth Carruthers. Our sympathy goes out to Harold VE3NW.



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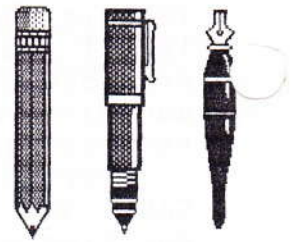


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# May, 1992



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 418 Wing Walkathon Hams Eggs 8:00 Am Mirage Rest. Everyone Welcome
3	4	5 PERC PICTON 2 Meter Net 7:00 Pm 146.730	6 NARA Campbellford 2 Meter Net 8:30 Pm 145.390	7 PERC Meeting 7:00  QARC 2 Meter Net 7:00 Pm 146.985	8	9 Hams Eggs 8:00 Am Mirage Rest. Everyone Welcome FOX HUNT to FOLLOW
10	11	12 PERC PICTON 2Meter Net 7:00 Pm 146.730	13 NARA Campbellford 2 Meter Net 8:30 Pm 145.390	14 QARC 2 Meter Net 7:00 Pm  Swap Net 7:30 Pm 146.985	15	16 Hams Eggs Mirage Rest. 8:00 Am Everyone Welcome
17	18	19 PERC PICTON 2Meter Net 7:00 Pm 146.730	20 NARA 2 Meter Net 8:30 Pm ***QARC*** Club Meeting 7:30 Pm Room P1 Loyalist	21 QARC 2 Meter Net 7:00 Pm  Swap Net 7:30 Pm 146.985	22	23 Hams Eggs Mirage Rest. 8:00 Am Everyone Welcome
24	25	26 PERC PICTON 2Meter Net 7:00 Pm 146.730	27 NARA Campbellford 2 Meter Net 8:30 Pm 145.390	28 NARA Club Meeting 7:30 Pm ***QARC*** 2 Meter Net 7:00 Pm Swap After 146.985	29	30 Hams Eggs Mirage Rest. 8:00 Am Everyone Welcome
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