

QUINTE AMATEUR RADIO CLUB

P. O. Box 292, Belleville ON K8N 5A2

Q. R. M.

M E E T I N G

DATE: Wednesday, April 21, 1993
TIME: 7:30 p.m.
LOCATION: Room P1 Pioneer Building
Loyalist College
PROGRAM: Casey Coley VE3NGT Ontario Representative
For IPARN will talk about IPARN.
Casey will be accompanied by Randy
Neales VE3RWN

The QARC is looking for nominations for the Reg Varco Award to be voted on at the May meeting.

The following are the rules for the award.

1. This award was instituted by Mr Reg Varcoe, VE3RR, to encourage Amateurs to take part in emergency work, experimenting, or any other activity that will add to the prestige and pleasure of the Amateur Radio fraternity.

2. The trophy is awarded annually covering the period ending June 30. It is to be awarded to the club member or associate member (including officers and directors) who, in the opinion of the membership, has made the greatest contribution to Amateur Radio activity or service to the community.

3. The trophy may be for outstanding work in any of the following: service, assistance to members in obtaining their license, pioneering work on unused frequencies

or new techniques, traffic handling or any other outstanding Amateur Radio activity or service to the Community.

4. The award shall be a plaque to which a tab shall be added each year showing the name of the winner, his callsign and the year. The winner may keep the plaque for one year. In addition to the plaque there will be a subscription for one year to an Amateur publication as selected by the Executive. This subscription will be paid for by the Reg Varcoe Fund, as per Quinte Amateur Radio Club Constitution Article 12.

5. Nominations will be submitted in writing to the Executive, stating the reasons for nomination, and signed by two members or associate members, including officers and directors, of the Club. The winner shall be decided by a ballot of the members present at any regular meeting.

*** NOTE ***

The May meeting will be election of officers. Anyone wishing to run for office please contact Norm Moore VE3NFD. Norm will be conducting the elections. There will also be nominations accepted from the floor. We need to elect all of the major officers, President, Vice President, Treasurer, and Secretary. I will continue to be the News Editor if the membership wish me to continue. Please feel free to volunteer for any of the elected positions.

**** FOR SALE ****

Syd Horne VE3EGO has a Ham 4 Rotor and control box for sale . He is asking \$400.00 for it.

7 Shoniker Ave.
Trenton Ontario
K8V 5T1

The Executive of QARC
Box 292
Belleville, Ontario
K8N 5A2

Dear Fellow Radio Amateurs.

Two things, first I would appreciate your surveying the club membership for someone else to take on looking after the club property. I think this is an excellent way for one of the younger and new members to be able to serve the club.

Second, during the past course season, I was disappointed with the lack of enthusiasm and interest in the code. It appears that those coming into the hobby now are just looking for the easy way to enter the amateur ranks.

Teaching any subject requires considerable effort and dedication, and if those efforts are not appreciated, one's common sense says, apply those efforts elsewhere. For this reason I will not teach code at future classes.

The club will also miss the talents and dedication of the late Earl Wilson VE3TYQ, with whom I had the pleasure of assisting in instructing code at the home of Len VE3ASR and Shirley Brooker VE3BCI. I am sure I state on behalf of Earl

VE3TYQ it was handy to have the use of their convenient shack.

However for those who are serious and have the desire to obtain her/his code qualification at either 5 or 12 words per minute, they may make their own arrangements with me and I'll only be too glad to help, and encourage them to join in with the hams who chat with their fists.

Many of you know I obtained my first ham ticket during those tough economic times of the thirties. Not much unlike today, but there was no unemployment insurance, and those on welfare were not better off than the guy that was paying the shot. We built our own receiver as we were able to gradually obtain components. We became fully conversant with its operation. Ultimately saving to put together our first home built transmitter, and after passing our licence finally got on the air for our first CW QSO. We were so nervous it's a wonder the distant ham could read us, but he was patient and here we are.

73

Al Taylor VE3WV

REPRINT

The following is a reprint from the Intergalactic Information Exchange Network Newsletter.

Nets on the Air

Here is a rundown of nets on the air, including type, time, band, and frequency.

Thursday night:The Intergalactic Informational Exchange Net operates on the 160 Meter Ham Band on Frequency 1.993 MHz SSB. With open discussion covering everything from Atlantis to the ET, UFO area. Net controllers are KA1DYE, Tom, and N1JUVN, Ken. This net is not affiliated with any UFO organization. Net operates from 8:00pm to 10:30pm.
Saturday mornings:The MUFON Official Amateur Net is on the air between 8am and 9am on 7.237 MHz. All official traffic relating to UFO reports are

presented by various hams. The net controller is Bill AA8DK.

Saturday nights: You can enjoy the UFO Discussion Group on 75 Meters operating on frequency 3.987 MHz LSB. Last net we heard them talking about the grey alien beings, and coverup areas. This is not an official MUFON net, and the UFO topical discussion is open to a wide variety of ideas. Pre-net talk at 8pm; the net starts up at 9pm; K1ZR, Clarence, and N3GVA, Mike, are the net controllers.

FLEA MARKETS

Smith Falls Flea Market - Saturday, May 1, 1993. Location: Lombardy Fairgrounds, 5 miles south of Smith Falls on Hwy #15. Time: 9:00 am to 2:00 pm.

Marmora Flea Market - Saturday, June 12, 1993. Location: Curling Club, Marmora. Time: 9:00 am to 2:00 pm.

Central Ontario Amateur Radio Fleamarket - Saturday, June 5, 1993. Location: Bingeman Park, 1380 Victoria Street North, Kitchener, Ontario. Time: 8:00 am to 2:00 pm. Admission: \$5.00

Dayton Hamvention April 23, 24, & 25, 1993 at the Dayton Hara Arena & Exhibition Center. Tickets valid for all three days at the door cost \$14.00

Direction to Hara Arena

I-70 Eastbound
Exit 26 (Route 49).
Travel south on Rout 49 (Salem Ave.) to Shiloh Springs Road (Salem Mall will be on the Left). Turn left onto Shiloh Springs Road and travel east to HARA Arena.

I-70 Westbound
Exit 29 (Route 48)
Travel south on Route 48 (Main Street) to Shiloh Springs Road and travel west to HARA Arena.

I-75 North and Southbound
Exit 58 (Needmore Road)
Travel west on Needmore Road (Wright Brothers Parkway) to Wolf Road. Turn right onto Wolf Road and travel north to HARA Arena.

NOTE: Needmore Road Changes names.

When headed west, it will become Shoup Mill, then Turner. Just follow the blue Wright Brothers Parkway signs all the way to Wolf Road.

From the pen of John Lester

It is a great pleasure to advise you that Ron Chapman VE3IVC has agreed to take up the work of Emergency Controller for ARES.

Ron brings a lot of expertise to the task. He has held several posts in QARC in past years, as well as just having retired from a successful career with Ontario Hydro. Many of us in the older crowd remember Ron's presentation at a QARC meeting. I am sure that everyone will give Ron all the solid and cheerful support that I have enjoyed the past five years.

John VE3MB

QUINTE AMATEUR RADIO CLUB Income Statement

July 1 1992 to Apr. 1 1993

INCOME:

Membership fees	1175.00
Directory sales	180.00
Training Course	820.00
Bank Interest	8.60
50/50 Draw	60.50
Donations	240.00
Name Tags	5.00
Total Income	2489.10

EXPENSES:

Office Supplies	17.32
Benevolence	203.89
Door Prizes	184.71
Training Course	689.19
Field Day	21.75
Newsletter	995.07
Ham & Eggs	32.38
Insurance	270.00
Packet	219.43
Name Tags	82.24
Summerfest	69.82
Mall Display	91.37
Equipment Purchases	532.01
Incorporation fees	215.00
Licence	23.00
Guest Speaker	16.80
Total Expences	3664.08
Net Loss of Income	-1174.98
Bank Balance April 1 1993	1136.85

I had to write this response to the statements made by Al Taylor VE3WV in an article printer elsewhere in the letter. The following is my opinion and not the thoughts of the Quinte Amateur Radio Club.

I would point out to Al that the regulations providing for a no code licence for the Amateur Service was put forth by the Government and not a group of aspiring amateurs. In my opinion the Morse Code is an out of date method of communication. All of the other services have done away with the code in their transmissions, replacing it with voice and digital means of transmission. Some of the other countries have done away with the code requirements for Amateurs. There are other ways for the Amateur Radio fraternity to keep the hobby sort of exclusive, they could make the theory harder and more technical. I do not advocate the elimination of Morse Code for those that still want to use it. Somewhere in the Radio regulations state that you should keep, your transmissions short as to not hog the airwaves but a ten minute CW contact could be made in one or two minutes by using voice thus saving eight or nine minutes of air time, thus allowing more people to use the air. So until the regulations are changed to allow the aspiring amateur access to HF bands without having to learn the Code, I guess that I will have to try and try to learn an outmoded method.

73 Don D. VE3DQN

***** NOTE *****

We are going to try something new starting with the May Newsletter. The May letter will be available at the May meeting for those that attend and will be mailed to those who are not present. This will probably save the Club about \$400.00 per year. The May meeting will be held on the Third Wednesday at the same place and the same time as all of our other meetings. There will be no guest speaker as the meeting will be dedicated to the Election of a new Executive. And as follows the June Letter will be available at the June meeting held on the third Wednesday

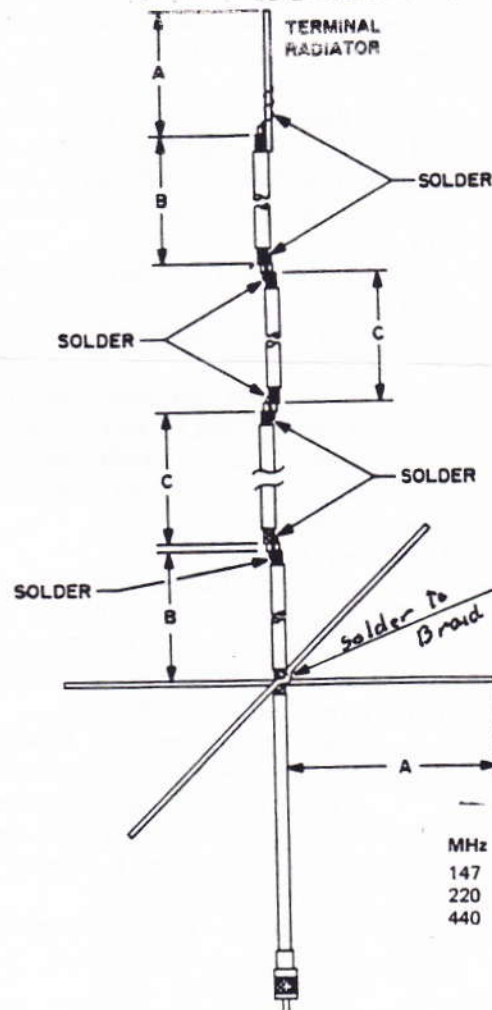
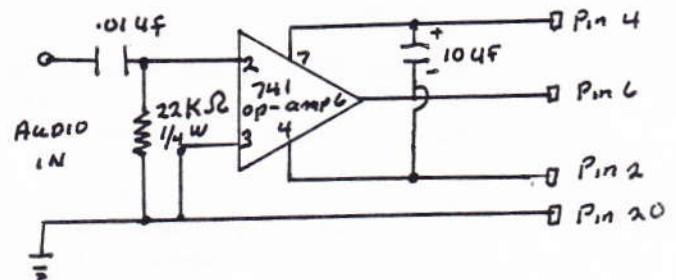
of June same place same time. I will continue to remind you of the date that your membership expires it will continue to be shown on the mailing label.

73 Don VE3DQN

Project

For those of you that have an IBM type computer here is a decoder for WEFAX built into a DB 25 Connector. This has been submitted by Rob VE3LYV. He says he built it and it works.

WEFAX Frequencies	Time
3.358	6:15am
8.080	9:15pm
	12:15am



Omnidirectional gain antenna for FM home or repeater use. The sections are constructed of measured lengths of RG-8 coax and connected at the junction points by soldering the center conductor of one to the braid of the other and vice versa. The terminal radiator and radials can be lengths of stiff brass rod. A total of 9 "C" sections will give about 5.8 dB gain

MHz	DIMENSIONS		
	A	B	C
147	19"	13.3"	26.6"
220	12.66"	8.88"	17.7"
440	6.33"	4.44"	8.87"

Reprint from CAFF News Service

RAC DEBUT MAY 2ND, 1993 - Canada Finally has a single National Amateur Radio Organization.

The RAC Executive Planning Group met in Cobourg on February 28, 1993 and cleared the last obstacles to the emergence of RADIO AMATEURS of CANADA.

CRRL and CARF will hold their final Board meetings on Saturday, May 1st, 1993 and formalize their dissolutions. The inaugural meeting of RAC will follow on May 2nd.

QST CANADA and TCA will continue separate publication for May and June, 1993. A new expanded "THE CANADIAN AMATEUR" will be launched on July 1, 1993.

HISTORIC EVENT FOR CANADIAN AMATEUR RADIO - Sunday, May 2, 1993 will be a red letter day for Canadian amateur radio operators. Meeting in Toronto, the Canadian Radio Relay League (CRRL) and the Canadian Amateur Radio Federation (CARF) will legally dissolve their respective organizations. The Radio Amateurs of Canada (RAC) will take over and hold its first Board of Directors meeting to begin functioning as Canada's new unified national amateur radio organization. A board of regional directors, representing amateurs from coast to coast, and a national team of executive officers will be installed. RAC's National Headquarters will be Ottawa, Ontario. An interim administrative office will be set up in Kingston, Ontario.

RAC's Board of Directors will welcome various guests. Canada's Minister of Communications, The Honourable Perrin Beatty, is invited to address the Board. The current directors and officers of CRRL and CARF will witness the historic occasion. The 1993 Canadian Amateur Radio Hall of Fame awards will be presented. The Secretary of the International amateur Radio Union (IARU) World Administrative Council will address the new Board and will discuss RAC's proposed membership in IARU. The Board will introduce RAC's "logo" which will symbolize a new professional look for Canada in the World of amateur radio organizations.

A new expanded "The Canadian Amateur" magazine will take over from "QST Canada" and "TCA" beginning with the July-August 1993 edition. Members subscribing to ARRL's "QST" magazine will continue to receive the magazine through ARC.

AMATEUR LICENCES BY CALL AREAS

Here are Canada-wide figures updated to 1992 October 31. All figures include repeaters.

VE1 New Brunswick	
Nova Scotia	2709
VE2 Quebec	7397
VE3 Ontario	12585
VE4 Manitoba	1233
VE5 Saskatchewan	1034
VE6 Alberta	2894
VE7 British Columbia	5942
VE8 Northwest Territories	123
VE0 Maritime Mobile	227
V01 Newfoundland	775
V02 Labrador	52
VY1 Yukon Territory	71
VY2 Prince Edward Island	212
VY9 DOC club stations	3
Grand Total	35257

DOC RELEASES CALL SIGNS

In the past, call signs with the three letter suffixes QAA-QZZ were not allocated to amateurs. DOC recently announced that the following call signs will be released: QAA-QNZ and QVA-QZZ. The remaining three letter call signs will be reserved for maritime mobiles and Q-signals.

END-FED ANTENNAS

What's a good length for an end-fed antenna? If you want to work 80-10 meters, it's hard to go wrong with 90 feet. Loaded against the ground, impedences are reasonable, and easily handled by a simple antenna tuner. For 40-10 meters, try 45 feet. Harry MacLean, VE3GRO

May 31,1993
15 th Anniversary
of
Amateur Packet Radio

By: Burt Lang VE2BMQ

At around 9pm on May 31, 1978 the first transmissions of packet over Amateur Radio occurred. The place was the upstairs banquet hall of Bill Wong's Restaurant on Decarie Blvd. in Montreal, Quebec Canada. The event was a special meeting of the Montreal Amateur Radio Club (MARC) called to discuss and debate proposed changes to the Canadian amateur frequency allocations that were being contemplated by the Dept of Communications. In attendance were several DOC officials from Ottawa, including the Director General - Regulations, Dr. John deMercado. Dr. deMercado is considered by some to be the "father" of amateur packet radio due to his persistent pressure to open up an exclusive portion of amateur band to experiment with the new mode and due to his early experience on the Aloha project in Hawaii. Others take a less charitable view of his role in the matter.

The first packet message was reported to have been "From John deMercado to the Montreal group - Bravo, well done!" or something like that. As is common with many historical events, the participants did not bother to record the particulars and memory now is less than perfect.

The Montreal Packet Net group consisted of:

Bob Rouleau VE2PY
Fred Basserman, VE2BQF
Jacques Orsali, VE2EPH
Ian Hodgson, VE2BEN

Norm Pearl, VE2BQS
Bram Frank, VE2BFH
Ted Baleshta VE3CAF
and others not mentioned.

A detailed description of the Montreal Protocol and hardware used in the experiments is given in the TAB book #1345 "PACKET RADIO" by Bob Rouleau and Ian Hodgson published in 1981. An interesting note is that the Montreal Modem design used the Exar XR-2206/2211 chip set. I am told that a sample of the Montreal Modem was sent to the Vancouver group (VADCG) in the fall of 1978 and it is probably no coincidence that the same chip set appeared in the TAPR TNC modem of which Doug Lockhart of VADCG had a hand in designing.

It is ironic that none of the original Montreal Packet Net group are presently in Amateur Packet Radio. After an initial spurt of activity in amateur packet, Bob Rouleau and several others in the group turned to commercial applications for packet. The resulting company, DataRadio Inc, today is building and marketing commercial packet radio systems around the world. A recent application is the Canadian Weather Radio packet service introduced last year using DataRadio 9600 bps equipment.

We should congratulate these early pioneers in amateur packet radio for the work they did in getting the hobby started. It is through their early efforts that today's worldwide packet system has grown, often chaotic, seldom planned but with a continuous forward progress due to the efforts of countless others in the intervening years to advance and refine the technology. In the words of the first packet message:

BRAVO, WELL DONE!!!!!!!!!!