

VE3BK



The Hamilton Amateur

The Hamilton Amateur Radio Club Newsletter — 73 Years of Amateur Radio 1932-2005

Welcome to HARC's 73rd Year

As the new Club year begins, 2005-2006, let me welcome you back from a hot and eventful summer. There are new developments to report (later in this issue) regarding Amateur Radio no code certification.

Since September began on a Thursday, our monthly meeting will be late in the month, falling on Wednesday September 21st. The September meeting will be our only meeting before the Flea Market., which occurs on Saturday October 15th. The October monthly meeting will come after the Flea Market, on Wednesday, October 19th. So, we are off to a fast start.

New Executive

As outlined in the HARC Constitution, once a board of directors has been elected, the directors meet to fill the executive positions from among their number. The positions for this year will be: President, Roger Pimm, VE3UFZ; Secretary, Mardy Eedson, VE3QEE; Treasurer, Fred Robinson, VE3GCP; 1st Vice President, Ron Ouwehand, VE3OUW; 2nd Vice President, John Hudak, VE3CXB; Membership Chair, Emsley Mitchell, VE3JAI, Repeater Chair, John Vandenberg, VE3DVV, Mike Krebs, VA3WXS, has been appointed as communications

chair. Contact information for the executive can be found in the Executive listing elsewhere in the newsletter.

Changes to the Morse Code Endorsement as a Qualification for HF Privileges.

The following excerpt is taken from an announcement published by RAC, in their weekly e-mail bulletin, on Friday, July 29th 2005. You can look it up on the RAC web site under **latest news**.

Effective immediately, HF operation on the bands below 30 MHz has been authorized by Industry Canada for:

- a) amateurs who were certified with only the BASIC Qualification prior to 2 April 2002;
- b) amateurs who have been certified with both BASIC and ADVANCED Qualifications;
- c) amateurs with only the BASIC Qualification who were certified after 1 April 2002, and who achieved a pass mark of 80% or greater;

Those amateurs with only the BASIC Qualification who were certified after 1 April 2002, but who achieved less than an 80% pass mark, will either have to (1) qualify in Morse, (2) write the Advanced or (3) re-

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Club meetings – 3rd Wednesday each month – 8 pm (except July and August) at Hamilton District Christian High School, 92 Glancaster Road corner of Rymal Road (Hwy. #53) and Glancaster Road. Parking on location. Complimentary refreshments.

write the Basic examination to obtain HF privileges. This latter requirement is related to a decision to increase the BASIC examination pass mark to ensure that candidates have been tested in all areas of the syllabus. Amateurs who need to confirm their examination marks should contact their Accredited Examiner. Accredited Examiners are required to retain marks for at least three years.

Also effective immediately, the pass mark for the BASIC Qualification has been raised from 60% to 70%.

Amateurs wishing to have their certificates annotated with a Morse Qualification may still do so by passing the Morse examination at 5 Words Per Minute.

Holders of only the BASIC Qualification may now construct, install and operate transmitters from kits that have been commercially designed and packaged. BASIC-only holders still are not authorized to modify or install and operate modified commercially manufactured equipment..

Radio Information Circulars #2 and #3, (that is, RIC-2 and RIC-3) have been modified by Industry Canada to reflect these changes. You can download these circulars from the web at:
<http://strategis.ic.gc.ca/epic/internet/insmt-gst.nsf/en/sf05478e.html>

That was the big news this summer. There must be a lot of HAMS licenced before April 2nd 2002, who can now operate on HF. Also, all you holders of a Basic Licence can now assemble and use commercially produced transmitter kits. Elecraft K2 here I come.

Dis & Dat

by Bernie Granby, VE3EKY, VA3XJ

What a field day, Murphy was almost everywhere. 40 CW was an hour late starting, caused by a balky CT program. Marty put up a new improved version of last years tower.

It was aluminum about 1/4 wave on 40M and was insulated from ground. This was Friday night about nine. I tried to help Marty which means I held the pole while he attached the guys. It proved to be a good FD antenna. It matched very easily through my MFJ tuner. It's the one with the artificial tunable ground. Since we had no ground we did not bother tuning it. The antenna hung from the tower in inverted V config. Due to our computer woes we had trouble focusing on the problem at hand, namely getting lots of QSOs. Many people sat in though as usual very few sat at the rig and actually operated. Scott VE3EKX stayed the weekend. Steve VE3OZO gave us the spark to get trekking. Thanks Steve that last push from one to two got us well over the 300 contacts. We were 3A ON. Thanks to the CERV group... newly licenced Hams we picked up a lot of free points. Lorraine, VA3NZ and Al, VA3AM were to be found in the nice CERV' tent; glad to see you guys out. I hope you will come out in 06 along with all the newly certified hams on HF after the surprise announcement from IC regarding new rules for licencing. See www.rac.ca for the whole story. Already I hear some Hams have started putting up new towers and antennae. Mary VE3OGQ and Joe VE3OCD as usual went the whole 9 yards preparing and serving the food. We love them both for their dedication year after year. A good job. I too am planning some changes. You who follow Dis & Dat know that my main ant. i.e. tower, beam, and feed line are at least 50 years old. The beam, a tri bander is by Hy Gain the Thunderbird Th3-Mark 3 Senior handling 1000W P.E.P. All original and all parts still working. It is tuned to the CW portion of the band and covers some of the SSB portions as well. The feed line was best quality 50 years ago. Its still a good idea to spend your money on good feed line. The changes I plan will be to move my station to the cellar under the tower thus shortening my feed line and moving me to a good ground.....a hydro ground rod 12feet hamered in below the ant. Will having a good ground improve my signal? I'll let you know of course. The move will let me upgrade all three of my

co-ax runs with the 213 co-ax (100 ft.) only used for FD for the last 10 years. I have another ant project in the offing. I am going to set up my vert (from RED1 my boat) in the back yard on the ground to see how a simple 20 meter vert. whip will work there. I plan 4 radials of wire ? wave long on the ground under the vert whip. The FD co-ax will be the feed. This will not be permanent...just an experiment. I suppose the distance between the gr. plane and the bottom of the whip will affect the match. Right? This will not be theory but actual performance in real time. I have not set up my station since field day. Looking over my log I see I have made three contacts so far this year. My worst year ever in terms of activity.

A funny thing happened on the web where I was trying to renew my R.A.C. membership using my credit card there for the first time. Guess what ,I got a warning that RAC had let their security lapse and it may not be safe to give them my credit card number over the web. So I cancelled that idea and settled for an Email to RAC letting them know. I got an answer from them a few days later telling me that Mexico does not have an agreement with Canada and I should consult a web site given to access this info for other countries. Hello RAC are you listening.

I wonder about running full power on FD. Maybe we should run at say half power or maybe ? to save our rigs. Radioworld says they get a few rigs to fix every year after FD. They think the close proximity of several stations is the cause of these problems. How about a muffin fan on top of the rig and a close watch on the SWR ?

Well, I tried it the vertical from my boat. 20 metres Sunday 27th Aug. I heard lots of stations both CW & Morse, but the SWR was 3:1 so did not do any transmitting. The set-up in the back yard was the whip mounted on a piece of broom handle stuck in the ground. I cut four 1/4 wave wires for a ground plane.. Laid them on the ground in close proximity to the whip, with the results as noted above. As I took it apart I made a

note of all the things I figured would cause the problems. The co-ax connector on the FD line will have to be replaced. This ant worked first time out on the boat. Maybe I was just lucky the co-ax was very short so maybe it was a nul at the transmitter. Im going to try it again. Soon I hope because that feedline is going to become three in my new operating position here.

What did you do this summer? I made two trips Scott VE3EKX and I sailed Redi down to 50 point and had our traditional jug of beer and a plate of fries. The WX was very threatening all day but we carried on didn't use much gas and got home tired but safe. The other trip was in our Ram Van class B motor home. We travelled some 1400 kms to Rouyn-Noranda and back. First about gas we have finally achieved parity. Price in dollars equals liters. One way we used 120 L which by the rule of parity equates to \$120.00 . Dubya Bush would love it. Rouyn Noranda I discovered using my handy GPS is approx on the 48th parallel Hamilton is about on the 43rd . The N.Pole is on the 90th and the Arctic circle about the 62nd. You may or may not know but here the border between Canada and that other country South of us is the 49th . So actually and lucky for us we live About 800 kms south of Canada as the people out west know it. Now in R- Noranda it is only just livable in the winter. No wonder it is so cold in Winnepeg and Calgary. Victoria and Vancouver on the other side of the Rockies are lucky like us even though they are much higher on the parallels of latitude. Enough geography for heavens sake'

Question, do you know how the Arctic circle was chosen to be at the 62nd para of latitude? If you tell me the answer to that I'll know you read this. If you don't know I will tell you. OK Just one more tale. On the way back from Roun-N... we were in a provincial park near Huntsville ON. We seemed to be a long way into the pristine forest (they had a boil water advisory) it was caused by some (2 kinds) of parasite so anyway I would not touch their water with a ten ft. pole, nor would I even put any in any

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part of the van. But anyway we were on a tight schedule to get back for a doctors appt. In the A.M. we were packed and ready to boogie on down the road when we discovered the van would start but stopped after the key was released. What to do? Well, I had two emergency towing services in my wallet but I didn't have time to wait for them to sort it out, so I phoned the best mechanic in the world (Scott VE3EKX, my son) he was back in Rouyn-Noranda... some 400 kms North. I was using my cell phone. "Hi Scott", I said, "my van won't run. Can you listen to it and maybe tell me what is wrong?" "Sure," he replied. I held the phone up to the Van and Scott said, "do you know what that sounds like?" "No what" said I. He said "a blown ballast resistor". "What is that", I asked. "Well it is a ceramic sealed resistor that reduces the voltage to the coil to prolong its life." Under his instructions I felt around the firewall and found it, took off one wire and checked it for contiuity...none so I connected the two ends of the resister with a probe from my analog volt-ohmmeter. The van started OK.

Scott said "don't drive it that way you may make the prob worse". My next door neighbor gave me a ride down to the gate. He offered me a ride into Huntsville so he waited around while I played ring around the rosie with Ma Bell until, for about \$2.00, they got me NAPA auto parts in Huntsville which should have been a 25c local call. They said they had the part, and would deliver it within the hour. My benefactor, standing by, offered me a ride back up to the campsite. I thanked him and he left for his home. He was in the camp on a holiday with his wife and kids. He was a Christian Pastor of s church in Que. About 50 miles from Rouyn-N... Nice guy. I left my name with the girls in the gatehouse and told them about the part. I told them I would phone in about an hour as it would be a long distance call to my cell. Well off I set walking back to the campsite. The sun was blazing down. Luckily the forest on either side of the road shaded me most of the time. Well I walked down the hills, up the hills around the bends over a bridge. It was taking forever. I wondered if I was on the right road.

Boy I was beat after about an hour and maybe three or four kms. As I staggered in to our site and was drinking a glass of water a little pick-up pulled in and it turned out to be the NAPA guy with my part. Was I glad to see him because the walk back down there was going to kill me not to mention back up with the part. I guess the girls at the gate must have looked up my camp site and there he was. Thank you all. The part took about 15 sec. to instal. We had our lunch and set out again for home. We made it home using the 400, the toll highway, and 403. The hated ETR sure made going by Toronto a breeze; of course I haven't got the bill yet. Well anyway I'm home now and can get back to such things as Ham radio. Well dat's all Dis & Dat folks 73...de....bernie..VE3EKY

Minutes of the June 15, 2005 Annual Meeting and Election

The meeting was opened at 8:02 PM by Mardy VE3QEE. Welcomes were extended to visitors Raymond Carter VE3HMM, and John Suter SWL.

Election, 2005

Joe Urbanski, VE3OCD, Election Chairman took the floor and distributed ballots. In error, Walter Bayliss, was listed in the newsletter as running for election. Members were informed that he was not on the ballot. Copies of the June newsletter were distributed so members would have names and call signs of the candidates handy for filling out ballots. After voting, ballots were collected for tabulation by a committee of Ann, VA3NOE, and Lorraine, VA3NZ, supervised by Joe. The following members were elected to the Board of Directors for 2005-2006:

JOHN HUDAK, VE3CXB
EMSFLEY MITCHELL, VE3JAI
RON OUWEHAND, VA3OUW
ROGER PIMM, VE3UFZ
FRED ROBINSON, VE3GCP
JOHN VANDENBURG, VE3DVV

Important points

Executive Meetings

HARC Executive committee meets each month, except July and August, at Mohawk College in room E031B. All members are invited to attend and participate. The meetings are on the Tuesday following the club General Meeting each month.

VE3NCF [146.760- & 444.075+]

HARC operates VE3NCF repeater, located atop the Niagara Escarpment. It's open for use by all Amateurs. Special features are a privilege of membership.

Nets

HARC "check-in net" is held every Tuesday evening, except July and August, at 7:30pm. HARC "swap net" follows at 8pm. The ARES net is held on Thursdays at 8:00pm. All contacts are welcome.

Examinations

Amateur radio licence examinations are conducted the second Wednesday each month, except July and August. Contact the voluntary examiners to make an appointment. Each test \$5.

Membership Information

Club membership, including all privileges, is \$25 per person, per year, Sept 1 to Aug 31. Additional membership, for immediate family living in the same home, is \$1 per person. One newsletter sent to each address.

The Hamilton Amateur

The Hamilton Amateur is published ten times each year (not in July or August). Deadline for article submission is the *last Saturday* of the month for the next month's issue. Preferred format is .txt file. Articles will be checked for spelling and grammar, but the author is responsible for the factual content. E-mail submissions to Mardy, VE3QEE <ve3qee@rac.ca>

Mardy Eedson, VE3QEE, is an ex-officio member being the Past President.

Annual Meeting, 2005

Approval of the Minutes. It was noted previously that Walter Bayliss should not have been on the list of candidates. Moved by Mardy VE3EE, seconded by Mike, VA3WXS, that the minutes of the May meeting be adopted as amended. Passed.

Treasurers Report

Fred VE3GCP informed us that we are in good financial shape with all accounts paid, and nothing owing except the usual monthly expenses and Field Day costs. The Board of Directors approved a voluntary donation to the Royal Botanical Gardens of \$100, reflecting the fact that the Hamilton Amateur Radio Club has enjoyed use of the Rock Chapel site for several years at no cost. The Executive voted to ask members who participate in Field Day to pay a fee of \$5.00 each, to defray the cost of that donation. This matter was voted upon and passed at the last general meeting. It is anticipated that Club will finish the year with several hundred dollars income greater than expenses. It is noted that income was augmented with the sale of donated estate items and equipment from the emergency station. Our greatest expense continues to be insurance. Fred submitted that, "the executive has well-managed the financial affairs of the Club over the the past year and that has resulted in a positive balance...". Further, members requiring further discussion of the financial affairs were were invited to attend the regular executive meeting on Tuesday June 21st, at 8:00 P.M.. Moved by Fred, VE3GCP, Seconded by Mike, VA3WXS, that the report be accepted. Motion carried.

Education Report

Mardy VE3QEE reported that Paul Selvey, Christian Perodi, and Thomas Morrison passed the Basic Qualification test and are waiting for their call signs. Another Basic class will begin on September 8th, 2005 at the Mohawk College Fennel Campus.

Wojtek Rusin, VA3WWR, ran an advanced class and graduated three candidates, which were featured in the May issue of T.H.A. Ann, VA3NOE, Roger, VE3UFZ, and David, VE3DWJ.

In addition, Al and Lorraine Macpherson, VA3AM, VA3NZ, along with Gerry Osborn, VE3JSO and Bill Bouwhuis, VE3YR sponsored and ran a class for CERV team members, (Citizen Emergency Response Volunteers) who wanted to get Amateur Radio certification. The course took place in the offices of DOFASCO. As a result of this effort, twelve of the CERV members have Amateur Radio call signs. Amateur Radio education training activities have produced good results this year thanks the efforts of a number of dedicated "elmers".

Membership

We finished the year with 78 paid-up members. Memberships for the coming year, September 1st 2005 to August 31st 2006 are now open, and Emsley, VE3JAI, is ready to process your renewal. You may give him cash (\$25.00) or a cheque made out to the Hamilton Amateur Radio Club, (or simply H.A.R.C.).

Health and Welfare

Mary, VE3OGQ, reported the passing of Bill McCaslin, VE3ARX, Mary called upon Fred, VE3GCP, to offer some comments on Bill's contribution through the years. Although not a member of the club in recent times, Bill was very active in the club at one time. He was a Club Director, and filled a number of executive positions. He was also an active Field Day participant. Bill was a Christian, and for some years he contributed to The Hamilton Amateur a devotional item called The Quiet Corner, often on the inside of the back page, where there were inspirational stories of a non-denominational nature, an endeavor

which earned much respect for the club. In his occupation as an Ontario Hydro Inspector, Bill was well placed to assist the cause of Amateur Radio. Bill's numerous contributions were fondly regarded by those who remember him.

Canada Day Contest

The contest site is being prepared for the Canada Day contest from Thursday June 30th 8:00 PM to Friday July 1st 8:00 PM. If you are available to

HARC 2005-2006 Executive

President

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participate in the contest get in touch with Rick Danby, VE3BK.

Raymond Carter's Request,

Raymond has a request for a volunteer to put up an Alpha Delta offcentre trap dipole. Mardy and David volunteered to have a look at the site on Charlton and suggest a plan. David has contact information.

Software Demonstration

Mardy, VE3QEE, demonstrated a program called *MULTIPSK*, which is a free download from the internet designed to run on Windows. This program runs a variety of digital modes including PSK 31, HELL, Packet, APRS, Pactor, and CW, to name a few. The demonstration was done with one computer not connected to a radio, but, instead, sending and receiving signals from the built in speakers and microphone in

the computer. Mardy sent the program Morse Code from an external key and keyer. The sounds, carried over the air, were decoded by the program, appeared as text on the screen. The text making up a reply, typed on the screen, was sent from the computer speakers as sound. Using two computers, set up some distance from one another, these modes can be sent and received using sound from the sound cards. The program is good enough to filter out room noise and just focus on the narrow band of sound selected by the mouse from a *waterfall* display on on screen which displays all of the sounds being received. You can whistle a tone, and see it appear on the waterfall display. When the computer is hooked to a transceiver, the sounds produced in the sound card are sent through an interface to be transmitted by the radio. In reverse, sounds of the digital mode received by the radio are sent to the computer to be decoded by the program and displayed as text on the computer. No terminal node controller is necessary, as the software handles all the encoding and decoding. The demonstrated program is available on the world wide web at the following site: < <http://members.aol.com/f6cte/> >. It was produced by Patrick Lindecker, F6CTE, and is offered as Freeware. If you just want to experiment with the program, download it and listen to a digital signal from your receiver, which your computer should be able to hear and decode – no physical connections to the radio are necessary.

Mardy also demonstrated the program KOCH, a morse code tutor, which has been used by several members to upgrade to HF. Ron, VE3OUW, and Ann VA3NOE, are two members who have recently used this method. The KOCH program is available from G4FON at the following web site: < <http://www.g4fon.net/> >. Ten minutes a day with a computer running Windows will get you the code in as little as a couple of months.

Adjournment

The meeting adjourned at 9:45 P.M.

Kathleen Clark 1915 - 2005

John Cassay, VE3FDK, came across an obituary for Kathleen Clark in the Grand River Sachem and passed it along.



Kathleen Isabel Clark

Well known among Radio Amateurs of her time, Kathleen Clark was completely deaf and blind when she became a qualified HAM radio operator. Kathleen communicated all over the world using CW, which she could not hear. Instead, Kay, as she was known, used her sense of touch to decipher dots and dashes coming from a buzzer activated by the key.

Kay was born a normal child in 1915 in Onedia Township south of Caledonia. She graduated from Caledonia High School and attended Hamilton Teacher's College. However, she had an aptitude for chick sexing, and, made a career of that skill. In 1938 she traveled from here to New Zealand to fulfill a chick sexing contract in Auckland. The voyage home was very rough and many days of sea sickness may have contributed to Kay's future health problems. By her thirtieth birthday Kay had lost both her hearing and sight. Kay learned Braille so quickly, it

was said, that the blind institute wanted her to become a Braille teacher. Kay looked after her parents, in their later years, doing all the household cooking, cleaning, washing, and ironing with no outside help. After her parents were gone Kay lived alone for the next 28 years. It was during this period that Kay became a self-taught Ham Radio operator; the first blind and deaf person to accomplish this. In the community where she lived Kay would use Morse code and the assistance of an interpreter who would send Morse code to a sounder Kay could feel. In this way Kay could "hear" what others were saying, and reply to them. One day, John Cassay saw Kay using this technique in the Hamilton police station. John came over when he heard the Morse code, but seeing the lady needed no further assistance, he went on with his work. Kay lived to the age of 90 but spent 60 of those years in total silence and darkness, yet by any measure, I am sure you could agree she lead a remarkable and productive life.

Thanks for the article, John.

A Visit To Camp X

Neil, VE3VNG, visited the site of Camp X on his way back from a summer excursion. Here is Neil's report.

There once was a time when nearly all hams were off the air. During the time of the Second world War amateur radio operators were not permitted to use their equipment – except for those few who were hired by the BSC (British Security Coordination) to operate radio station Hydra at Camp X.

Camp X was the highly secret basic training school for wartime secret agents who were parachuted into Europe behind enemy lines. Their tasks were to help operate escape routes for downed allied airmen, assist in sabotage activities, and to cause havoc in the enemy's operations.

Besides the training of secret agents, Camp X was also the primary communications link between

Britain, the USA, and South America. Radio station Hydra kept constant contact between these sites during the war. All communications were encoded and re-transmitted using gigantic rhombic antennae.

As the primary training site for agents, Camp X filled an important function in the execution of the allies' efforts to subdue the Axis forces.

Camp X was situated on the shore of Lake Ontario in Whitby, Ontario. An existing, productive farm was obtained on which to build the camp. Some of the training activities, besides teaching telegraphy, included training in hand-to-hand combat and silent killing, infiltration techniques, and the handling of explosive.

Altogether a marvellous, and unfortunately a not well known, Canadian contribution to the war effort.

The camp has been dismantled. All that remains to mark the 275 acre site are a bronze plaque and a Canadian flag.

In the 1960s, the site was decommissioned. Only one building was saved. It is now used as an animal shelter. All of the remaining artifacts have been removed and are currently on display in a museum at the Oshawa Airport.

The museum is open Saturdays and Sundays from 11:30 am to 3:30 pm. The museum's website is: www.aeronautical-museum.ca. Phone: 905-436-6325.

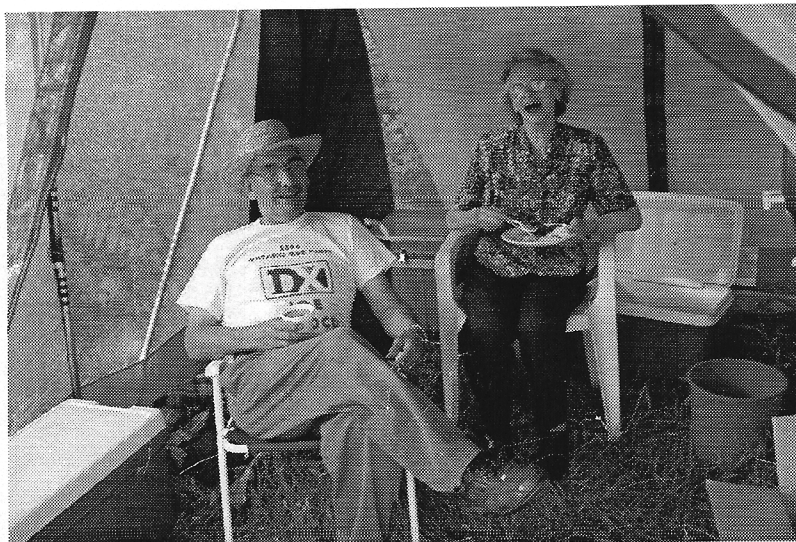
If anyone is interested in taking a trip to see the museum, call me and we'll see about organizing a group. Neil can be reached at <ve3vng@rac.ca> or 905-383-6986

For further information about Camp X, I recommend the book, *Inside Camp X*, by Lynn Philip Hodgson, Blake Book Distribution, 467 Fralicks Beach Road, Port Perry, Ontario L9L 1B6. lynnis@idirect.com.

CERV Members Say Thanks to Mary & Joe Urbanski

A group of CERV Hams operated 40 Meter Phone this year at Field Day. CERV stands for citizen emergency response volunteers - a trained group recognized by the City and included in the official emergency response plan.

Mary VE3OGQ and Joe, VE3OCD, informed me that they received a nice note of thanks and a beautiful bouquet of flowers from the CERV group who operated the Field Day 40 meter phone station. For several years now, Mary and Joe have cooked the lunches, dinner, and breakfast meals, served to field day participants, as well as hosting the hospitality "station". This is no small job because preparation begins long before Field Day and cleanup continues afterward. Moreover, Mary prepares gourmet meals - ask any of the participants. The heartfelt thanks expressed by the CERV group was appreciatively received by Mary & Joe.



Mary, VE3OGQ and Joe, VE3OCD relaxing in the hospitality tent at Field Day



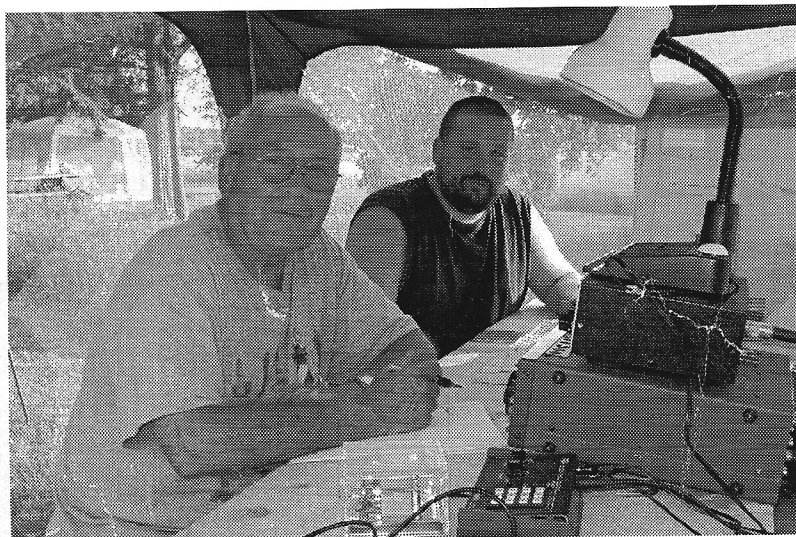
The CERV station, 40 m 'phone,

News For HAMs

by T.H.A. editor, Mardy, VE3QEE

Repeater Message. In response to a number of requests, the voice message on our repeater, explaining how to use the repeater, has been temporarily turned off. It seems that the time-triggered message interrupted conversations and was too long in duration. It will be reactivated when we can develop a better system.

IRLP Down. The IRLP link is not available on our repeater at the present time. For several years, David Kirstein, VE3DMK, made this service available through his home computer, radio, and internet link (at his own expense). Now David, who is a student away at school, can no longer maintain this service, so it is down. There are other IRLP nodes in the local area which can be accessed by any Radio Amateur.

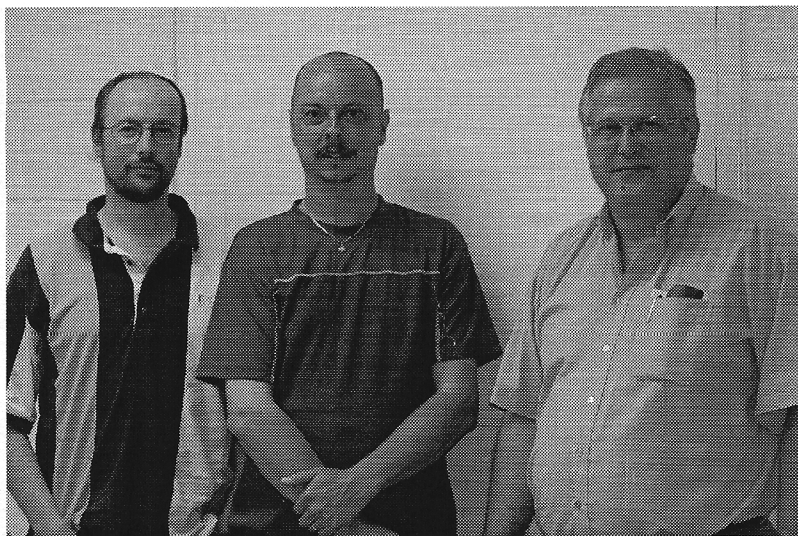


Bernie, VA3XJ, and Scott, VE3EKX, 20 m CW

For a list of IRLP nodes go to <<http://irlp.net/>>

Handbooks for Sale. Last month, I was informed by a representative of the Hamilton Public Library, central branch, they will be holding a sale of books withdrawn from circulation from September 19th to 24th in Jackson Square at the King and James entrance. Early editions of the ARRL Handbook, (pre 1990), will be among the books offered for sale. For the best selection get there early.

Basic Course Graduates. Please join me in welcoming Thomas Morrison, VE3AFV, Paul Selvey, VE3XPS, and Christian Predoi, VA3BMV, to the hobby of Amateur Radio (pictured on this page).



Thomas Morrison, VE3AFV, Paul Selvey, VE3XPS, Christian Predoi, VA3BMV

Renew your HARC Membership

Emsley, VE3JAI Membership chair.

This is a note informing members that the new club year began September 1st 2005. This is the time to renew your membership. As in the past we are offering an early renewal incentive in the form of a draw for a free one year's individual or family membership. To be eligible for the draw your renewal must be received before the end of the September club meeting on September 21st. Please take a moment now to renew your membership. Membership dues help pay for our meeting place, the auto-patch telephone, repeater expenses, newsletter publication, event insurance, Hamfest promotion, rental of Marritt Hall and other operational expenses of the club. Please mail your remittance or bring it to the club meeting. We need to know:

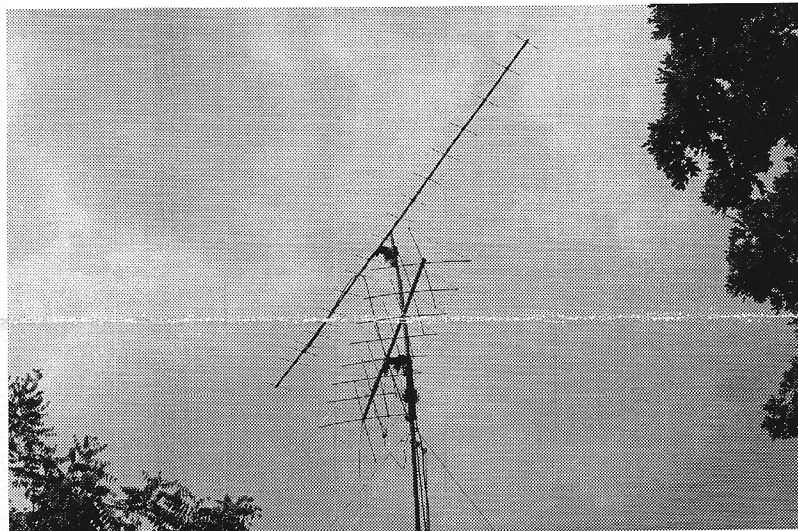
name _____

call sign _____

amount enclosed _____

Send your renewal to:

Hamilton Amateur Radio Club,
Box 91215 Effort Square P.O.
Hamilton, Ontario, L8N 4G4



Searching for UHF and VHF contacts - Kevin, VE3HNG manning the 2 m and 70 cm station with a rotating set of directional antennas at Field Day



CERV team celebrating 100 contacts with sparklers.