



# The Hamilton Amateur

The Hamilton Amateur Radio Club Newsletter – 78 Years of Amateur Radio 1932 - 2010

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## Upcoming Events

*Have a look at what is coming up this month and throughout the fall.*

### September Meeting

The September meeting will take place Wednesday September 15th at 7:30 P.M.

Get the season off on the right foot. Come and catch up on what your ham buddies have been doing this summer. It will be great fun. Share your ideas for the coming year and enjoy the company of fellow hams. We look forward to seeing you again at the September meeting.

Some unfinished business from the June meeting will be brought up during the business section of the meeting.

Since the outgoing board from 2009-2010 was retired at the end of August, and since no new slate of six directors was elected in June, the 7th director Past President Mike Krebs will call on members to elect directors for the coming year as provided by the constitution.

### HARC Hamfest and Flea Market 2010, Sat. Oct. 16th.

Our annual fund raiser the HARC Hamfest 2010 will take place at the Ancaster Fair Grounds in the Concession building on Saturday October 16th, the weekend following Thanksgiving. As in previous years we

rely completely on members helping out with a range of jobs:

- door security,
- selling tickets at the entrance,
- admitting vendors
- tending the parking lot,
- table setup at 6:00 A.M.
- room cleanup after the flea market
- talk-in
- master of ceremonies
- prize program

Many hands make light work. Please volunteer your services. We need the help of all our members to pull it off successfully.

Once again, we have arranged for Mrs. Danielle Coffey and her group of volunteers to look after refreshments at the flea market.

### Contest Group Bar-B-Q and Pot Luck

Contest Group Barbecue coming this September on the Sunday the 12th, 2010, starting at 1:30pm and onward.

This is usually the day we pick because of holiday conflicts. Everyone is back to school and Sunday is the day that more people were able to make it. If it rains, Dan has inside facilities to carry on. He has a barbecue to do the cooking, but if you have a little one to bring for yourself, feel free. Dan is hosting this one so if you want to do a potluck and bring a dish to share with others, feel free to bring what you

Club meetings – 3rd Wednesday each month – 7:30 pm (except July and August) at Hamilton District Christian High School, 92 Glancaster Road, Ancaster, L9G 3K9, corner of Rymal Road (Hwy. #53) and Glancaster Road. Parking on location. Complimentary refreshments.

like. This is a bring your own Steak, hamburgs, weiners or whatever you want to barbecue, buns you need for them, your beverage of choice, plus lawn chairs for yourself if you don't like sitting at picnic tables the whole time. Dan plans on having relish, ketchup and mustard there for your use. All wives, girlfriends, kids etc. are welcome.

Location this year is at Dan Martinak's VA3DJ place again at 897 Mud Street East in Stoney Creek. Dan's phone number is 905-643-6390. If you want to know anymore, call Dan or call me at 905-544-3253 or send me an email. See you all there Rick VE3BK

The following item was submitted by John Hudak VE3CXB, with permission of the author.

## Amateur Radio: The "Cockroach" of Communications

No, I'm not trying to insult Amateur Radio operators; quite the contrary. As you read on, you'll see that I am actually paying the Amateur Radio Service a very high compliment.

Consider the fact that the lowly cockroach has been around for about 350 million years. During that time, while many other creatures have become extinct, the cockroach has earned a reputation for being a true survivor. For example, the cockroach is reported to be able to withstand between 67,500 and 105,000 REMs, depending on the species. That's about the equivalent of a thermal-nuclear explosion. By contrast, a lethal dose of radiation for humans is about 800 rems. So, if we were to experience a nuclear holocaust, scientists theorize that approximately three-quarters of the world's cockroach population would survive unscathed.

Not unlike the cockroach, Amateur Radio has earned a reputation for coming out in the wake of a disaster to provide communications when other forms have been rendered useless. This capability to communicate during times of emergencies has been demonstrated time and time again over the years. You name the emergency – hurricanes, tornadoes, the events of September 11<sup>th</sup> – Amateur Radio has been there.

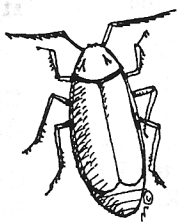
So, what is it about Amateur Radio that allows us to keep on communicating when other commercial forms of communications fail? Well, I believe there are two unique qualities that we possess, in terms of our communications capabilities.

First, we are **self-sufficient**. Each of us owns and maintains our own equipment. Properly equipped for emergency communications, we each have some sort of emergency power that allows us to communicate without commercial power. Because we are not dependent on a common infrastructure, we are a highly survivable form of communications. With an adequately stocked "go kit," we are also highly

mobile, taking this communications capability where it is needed most. As a goal, each of us should be capable of operating independently for up to 72 hours.

Second, we are **interoperable**. We are able to come together and form ad hoc communications networks on short notice. This is where we really shine. As individuals, our capabilities are somewhat limited. As a team, however, we are able to form ourselves into a flexible communications network that is able to quickly adapt to the situation at hand.

The use of standard procedures and techniques is what allows us to be effective when we come together as a network. Training and certification programs, such as the ARRL's Emergency Communications Certification Course, provide the fundamentals and set the standards. By joining a local ARES or RACES organization and participating in drills, nets, and public service events, we practice and refine the skills and techniques we will need in an emergency to quickly become a cohesive team.



Our interoperability is further enhanced through the adoption of technical standards. Things as simple as using the standard Powerpole connectors on our rigs or pre-programming a standard set of frequencies increase our flexibility and versatility during a disaster.

So, in the aftermath of a disaster, not only will the cockroach survive; Amateur Radio will be there, too.

73, Craig LaBarge WB3GCK

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## HARC 2009-2010 Executive

### President

Mike Krebs VA3WXS  
<va3wxs@hamiltonarc.ca>  
905-523-9005

### Past President

David Bruton VE3DWJ  
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### First Vice President

John Hudak, VE3CXB  
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### Second Vice President

Mike Christmas, VE3XMS  
<ve3xms@hamiltonarc.ca>

### Secretary

Bob Zimmerman, VE3RKZ  
<ve3rkz@hamiltonarc.ca>

### Interim Treasurer

Fred Robinson, VE3GCP  
<ve3gcp@hamiltonarc.ca>

### Director

Brian Bowie, VA3BMB  
<va3bmb@hamiltonarc.ca>

## For Comparison

In correspondence posted on the Flex reflector, Ray Johnston, W9RAY tells about the amazing number of transistors in computer processors.

The 2.4 GHz processor came out in May of 2003 with 55 million transistors.

The Core 2 Quads came out in January of 2008 with 800 million transistors which easily run the Flex as hard as you can.

The newest Intel Core-i7 6 core processors have 1.17 billion transistors which is way overkill for anything... lol  
[short for "laugh out loud" ed.]

# HARC Minutes for June 16th 2010

Recorded by Sherry Goeller, VE3DCU

Regular Business: Chaired by John Hudak VE3CXB

The meeting began at 7:45 P.M.

- This meeting was the day to elect a new executive however there was a lack of people in attendance to elect an executive and also not enough volunteers wanting to be on the executive. Fourteen people were in attendance and it was voted to defer the executive elections until the September meeting.

- Fred Robinson VE3GCP stated that the clubs finances are fine and stable and we will have approximately 1000\$ in the bank. We are ending the year positively.

- Mary Urbanski VE3OGQ reported no news on health and welfare.

- Sherry Goeller VE3DCU reported that membership was the same as last meetings with 63 primary members and 7 family members. Sherry also reminded the folks that the early bird draw will still accept memberships in September and the draw will take place during the October meeting.

- Anita Thomas VA3ANI mentioned that we have some more adverts on the web page and we are always looking for more.

- Lorraine MacPherson VA3NZ mentioned that the CANWARN group is doing well and that they had a short call out during the month.

## Questions and Answers:

Due to the fact that elections did not take place we filled in the time with a Q&A on any topic.

- Fred VE3GCP asked about the status of swapnet. Anita replied that it is up and running and that we need more stuff to sell. We really need the input from the group in order to make it a success. Discussion followed.

- The Milton flea market is July 10th.

- As a reminder, the club will not hold a meeting during the months of July and August. We will reconvene on the third Wednesday in September.

- Dan Martinak VA3DJ has mentioned that the light house event has been all set up with the city and everything looks good so far. Fred VE3GCP mentioned that he is going to a remote lighthouse around the Thunder Bay area and got permission to operate in the lighthouse. Fred will give details and post them on the web page as to when, where and what frequencies he will operate.

- Dan VA3DJ reported that field day is a go. It will be at Bruce Park in Hamilton and details can be obtained on the HARC web page. Everything is pre-arranged and the generators have been reserved. The city will allow us to have a BBQ. We will have a key to the restrooms. Bring appropriate clothing in case it rains. The city will allow us to bring our vehicle up onto the grass to unload/load but then we must move it and park on the street. Dan asked Fred to see if he can make some media calls. Our club; VE3DC will operate as 4A. Please do not bring any alcoholic drinks as it is strictly forbidden. We will use the banners around the site to promote the club. Guy wires should be flagged with orange tape to avoid accidents. There will be no hospitality this year so bring your own food. Dan requested a 400\$ advance for field day and it was voted on by Murray Thompson VE3ZPV and seconded by Lorraine MacPherson VA3NZ. Fred wrote a cheque to Dan. Any money left over will be returned along with the receipts for the expenses.

## HARC 2010-2011 Chairs

Awards Chairman  
Casey VanBroekhoven VE3CVP  
905-385-8724  
<ve3cvp@hamiltonarc.ca>

Contesting Manager/Property  
Rick Danby VE3BK  
905-544-3253  
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Hamfest. Coordinator  
Mardy Eedson  
<ve3qee@hamiltonarc.ca>

Volunteer Examiners  
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Roger Pimm, VE3UFZ, 905-560-2628  
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Field Day Co-ordinator  
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905-979-7747  
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Repeater Chairman  
John Vandenberg VE3DVV  
905-692-3802  
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Health & Welfare Chairperson  
Mary Urbanski VE3OGQ  
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<ve3ogq@hamiltonarc.ca>

Membership Chair Sherry Goeller  
VE3DCU, <ve3dcu@hamiltonarc.ca>

Newsletter Editor  
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905-648-0187  
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Communication  
Michael Krebs VA3WXS  
905-523-9005  
<va3wxs@hamiltonarc.ca>

Web Master  
Anita Thomas VA3ANI,  
<va3ani@hamiltonarc.ca> and  
Emsley Mitchell VE3JAI / VA3QI  
<ve3jai@hamiltonarc.ca>

- Much discussion followed about previous field days and how the experience affected individuals. Also talked about was field days original meaning in that it relates to emergency readiness and not so much as a contest.

- Move to adjourn proposed by Lorraine MacPherson VA3NZ seconded by Ron Collis VE3DF. Meeting was adjourned at 8:40 P.M.

## Field Day 2010 Hamilton Amateur Radio Club VE3DC

a report by Dan VA3DJ Field Day  
Co-ordinator

This years Field Day for the HARC was held on June 26-27 at a new location, Bruce Park on Hamilton mountain in Hamilton Ontario Canada. When I arrived at the park on Saturday morning June 26, the weather was not great. It was overcast with light on off rain showers, but it was not that bad, not a soaking rain. We were able to get all the stations up and running on time. The start of Field Day was 2pm Eastern time Saturday, ending 2pm on the Sunday.

We ran 4A this year again and everything went well even the weather cleared for Saturday afternoon, into the night and the rest of Sunday, allowing us to pack up under sunny skies after Field Day ended at 2pm on the Sunday. We ran the major bands 160, 80, 40, 20, 15 and 2 meters. One of the stations probably missed any opening that might have been on 10m. The 160 station did 160m at night and 15m in the daytime running an Icom 756 Pro III as did the 80m station. The 40m station had an Icom 746 Pro and the 20m station ran an Icom 756 Pro II and just stayed on those bands. The 2 meter station ran an older Icom 2m SSB radio, not sure of the model number and of course our Education centre was showing the workings of the FLEX radio, a software defined

radio. All stations were 100 watts or less and powered by generators. The antennas were all dipoles strung up in the trees. The only exception to that was the 80m dipole had a tower centre support and the 2 m antenna was supported by one of the club poles. Everyone was operating from tents except our Education centre was in a house trailer with his Flex radio. This attracted a lot of visitors to John VE3DVV's trailer to get a demo of the Flex. In total we had 52 participants at Field Day this year. This includes Operators, loggers, helpers and visitors. Scott Urqhart one of the youth visitors ended up operating on 15m for a few contacts. He showed a real interest in what we were doing. Everything worked as expected, no problems with generators or radios. Band conditions were very good. It was hard to find a spot on the bands to call CQ. If any of Clubs were late getting on the air, I bet they found the bands to be very crowded as I did this year. Our scores were higher than in the past few years, even with the busy band conditions.

To sum it up for me, it was my first time as Field Day Co-ordinator and yes it was hard work keeping things organized, getting the park and things but we all had a good time and I am very happy how things went. Some of the guys from the Club said, "what a great job Dan and that this was one of the best Field Days the Club has had." I want to thank everyone that came out to operate and help to setup and takedown the stations.

73 Dan VA3DJ Field Day Co-ordinator 2010 for the Hamilton Amateur Radio Club VE3DC

160 & 15M Station Mark Proctor VE3RYI, Jim Sawadski VE3EEZ & son (youth participant) Jesse Sawadski.

80 M Fred Robinson VE3GCP, Mardy Eedson VE3QEE & Adam Mitchell VE3BAU

40 M Jack Gauthier VE3WBT & Rick Danby VE3BK, also visitor operator for one contact was Mike Christmas VE3XMS.

## Important Points

### Executive Meetings

HARC Executive committee meets each month, except July and August. Members are invited to attend. The meetings are on the Wednesday following the club General Meeting each month. Ask an executive member for the location.

### VE3NCF 146.760 - & 444.075 + using tone 131.8

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 at 7:30 p.m. HARC "swap net" follows at 8 p.m. All contacts are welcome.

### Examinations

Amateur radio license examinations are conducted the second Wednesday of each month, except July and August. Contact the voluntary examiners to make an appointment. There will be a fee for each examination.

### 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 factual content. E-mail submissions to Editor, Mardy Eedson, VE3QEE, <ve3qee@hamiltonarc.ca>

2 M Kevin Barker VE3HNG & Dave Bruton VE3DWJ

20 M Sherry Goeller VE3DCU & Dan Martinak VA3DJ

*Soapbox from Rick VE3BK:*

The band was very busy and short at times when we thought it would be long, so we ended up working a lot of stations from Michigan, Ohio, Pennsylvania and New York. Only later at night did it lengthen out so that we worked California, Florida, Mexico and Puerto Rico. 40 M was open all day and even during the night making our score one of the best that 40 M has had for some time. This was great fun calling CQ and have 7 or 8 stations calling you at the same time. Hope to do it again next year.

*Soapbox from Sherry VE3DCU about the 20 M station:*

The band was open as soon as we started at 2 p.m. It stayed open until about 10:30 p.m. that same Saturday. Things then started at about 8 a.m. on Sunday and kept going to a last hurrah with a flurry of contacts just before 2 p.m.; the end of field day on Sunday. We had a lot of people interaction this year and it was especially friendly to visitors. We had a tent canopy that kept us dry and sun free while also serving as a meeting place for the group. We had large signs all around and it invited people to come around. It also helped that we were in a city park so we had lots of foot traffic. It was a great field day. Thanks to Dan VA3DJ for being the organizer.

*Soapbox from Mardy about the day.*

Field Day at Bruce park this year was an amazing success. Congratulations go out to Dan Martinak, VA3DJ, Field Day Co-Ordinator and to all the participants for the smooth running of this emergency preparedness exercise.

Tall trees made the day. Bruce Park is an old city park in a residential area on the central Mountain. Rows of tall trees rise in the north half of the park making this an ideal site to

quickly deploy wire antennas, high up, and for the most part out of sight. The operating tents were located here and there with lots of distance between them. Sherry VE3DCU set up a central hospitality tent and John VE3DVV brought a house trailer to demonstrate the Flex Radio system on a couple of impressively large computer monitors. The tilt-up 50 foot tower you saw demonstrated at the May home-brew meeting went up very quietly at the 80 meter tent three times. Yes, three times. The first time without the Canadian flag on top, the second time to clear a fouled pulley, and finally the third time with success. The system worked so effectively and so quickly you hardly knew what happened.

The numerical results were good. Better still, the public had a chance to come over, ask questions about ham radio, and watch our operators in action. We logged quite a few visitors to the site.

Murphy provided some minor glitches. We were visited early by bylaw enforcement when someone objected to cars on the grass. As planned, these cars were removed after equipment was unloaded. When Dan showed the officer our paper work, bylaw said we were OK and left. Later the police came in response to a neighbor's complaint. Again, when our paper work was checked the police said we were OK to be there and to carry on. The last glitch was rain, but that turned out to be light and quickly ended without dampening our spirits.

Bruce Park turned out to be a great location and everyone left with a positive feeling about the exercise.

**Bonus Points:**

Description	Points
100% Emergency power	400
Media Publicity	100
Set-up in Public Place	100
Information Booth	100
W1AW Field Day Message	100
Site Visit by invited service agency official	100
Youth participation	100
Youth operators=5	
Youth participants=7	
Submitted via the Web	50
Educational activity	100
<b>Total Bonus Points</b>	<b>1,150</b>

**Score Summary:**

	CW	Digital	Phone	Total
<b>Total QSOs</b>	<b>0</b>	<b>0</b>	<b>1756</b>	
<b>Total Points</b>	<b>0</b>	<b>0</b>	<b>1756</b>	<b>1756</b>

**Claimed Score = 3,512**

**Band/Mode QSO Breakdown:**

	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m					29	100
80m					628	100
40m					660	100
20m					251	100
15m					182	100
10m						
6m						
2m					6	10
1.25						
Other						
Satellite						
GOTA						
<b>Total</b>	<b>0</b>		<b>0</b>		<b>1756</b>	

## Canada Day July 1st

*by Contest Chair Rick Danby VE3BK*

Soapbox: Another fun Canada's own R.A.C. Contest. The band conditions didn't seem to be there all the time, sometimes it seemed as if no-one in the contest was on the bands and other times we were trying to work our way into a spot to call CQ. Good thing this was the same for everyone. We all had fun working Canada but wished more RAC stations were heard. A great contest again.....thanks to all that worked us and hope to work you in future. 73 from Rick VE3BK

Among the participants were Dan VA3DJ Rick VE3BK John VE3CXB Sherry VE3DCU Jim VE3EEZ Vince VE3LKV Mardy VE3QEE Mark VE3RYI Mike VE3XMS

Heavy hitters Fred VE3GCP and Adam VA3BAU were missed this year. In past contests they have been in there working them left and right, building up our QSO count fantastically. Hope you guys can join us next year.

Band	CW QSOs	Points	Mults.	Phone QSOs	Points	Mults
160	0	0	0	2	20	2
80	0	0	0	175	1400	7
40	0	0	0	306	1362	9
20	0	0	0	305	1812	11
15	0	0	0	0	0	0
10	0	0	0	7	54	1
6	0	0	0	14	124	1
2	0	0	0	17	170	1
4942	points	X	32	mults	claimed	158144

Our 2010 Canada Day QSO count was actually higher than last year, but because we had fewer multipliers (also I think the band conditions were poorer and also we worked fewer official RAC stations) our total score was slightly down.

## International Lighthouse Lightship Weekend VE3DC August 21, 22, 2010

a report by Rick VE3BK

The HARC takes a break during the months of July and August every year but ham radio activities carry on. Field Day usually happens after our club meeting in June, the Contest Group run the Canada Day Contest on July 1st, usually less than a week after Field Day, and then there is the International Lighthouse Lightship Weekend (ILLW) the third weekend in August. It is not a contest but rather a time when all the Lighthouses in the world get on the air to work everyone, including other Lighthouse. This year is our fifth year activating Burlington Main Light CA0015 for the ILLW event or CAN-063 North American Lighthouse designator for the 152 anniversary of this Lighthouse. This year we worked more stations than we had in past years, even though we had rainy weather on the Sunday.

Saturday setup began before 8 am with Mark VE3RY1 (already started when I showed up), Tom VA3TVW and Kevin VE3HNG showed up a short time later on his bicycle, all the way from downtown Hamilton to the canal. We all worked together, setting up a multiband antenna fed with 300 twinlead, an 80M dipole and setting up the station on a picnic table. We used Mark's IC756 with his heavy duty homemade tuner. We checked into ONTARS a few times to let them know where we were. Mardy VE3QEE and Mike VA3WXS showed up. Almost the same time Andrew VE3RIA was there too, to do some high speed CW for us. Sherry VE3DCU called us on 2 M simplex and was on her way to operate the station. She brought us coffee and Timbits, so we were raring to go. We had many visitors from the public wondering what we were doing so we all took turns handing out flyers and instructing interested visitors. Mardy brought out his Yaesu to set up on the 80 m dipole so we ended up with 2 stations on the air. I had a little trouble operating Mardy's Yaesu FT950 I think (with all those menus), so Mardy made a trip home to get his

new Flex Radio that he is more accustomed to operating. I think many of the public were impressed with the computer operated radio. It wasn't long before Mardy put up his G5RV antenna, so that he could do 40m as well. Everyone took turns operating and instructing the public. David VE3DWJ came to visit in the afternoon as well as Jack VE3WBT and his significant other Donna. Roger VE3UFZ also dropped by to take Mike to a family function for part of the afternoon, but dedicated Mike was back before we left. We ended up tearing down and leaving a bit early though because we had some showers and the radio equipment was starting to get wet. A very successful day with about 11 hams being there at once (at one count) many of the public showing interest in Ham Radio and what we were doing.

Sunday was even more successful. It was supposed to be rainy all day and we thought we might not even go on Sunday if the weather was that bad. Well it had cleared up early and we thought we might be in for a good day anyway, so Mark was there early again when I showed up. We put a longer multiband antenna fed with 300 twin lead. It was about 130' a side so took up some space, so was put up on the Lake side before many of the public showed up. We put this one up before it started to sprinkle again. Our station was setup back from the edges of the shelter this time so rain did not get on the radios. Kevin came on his bicycle again and helped us setup everything. Even though it rained, Mardy and Mike came again and Dan VA3DJ showed up to operate. Roger came back to see how we were doing, as well as Gary VE3TTO brought us coffee and donuts. Tom came back with his wife and daughter, bringing us Tim Horton's coffee. Thanks to everyone that kept us going with coffee and donuts, with setting up antennas and getting the station ready, we never really thought about coffee so we really appreciated it when someone brought us some. Jerry VE3ACA had worked us on CW on the Saturday and came to see us on the Sunday. Tom had taken his

wife and daughter home and then came back to operate. Joe VE3OCD, his wife Mary VE3OGQ brought the dog down to visit us as well. Mardy had his Flex Radio setup again so we had quite an operation going. There was something like 12 ham visitors at one time on Sunday, a few of the public that had braved the weather and were soaking wet from their running, bicycling, or roller blading, all this while we were making more contacts and enjoying better conditions than on Saturday. This really showed that Hams can persevere no matter what the weather and I think the fact that we were all having fun operating a special event station had something to do with it too. Mark was so busy making contacts that we nearly had to start the teardown while he was still on the radio. The teardown went well with the rain taking a break. It always seems that the station comes apart and antennas come down faster than they went up (of course). Bottom line, another successful ILLW. If you couldn't get down this year, you missed a good time, rain and all. I was really glad to see so many Hams visiting and helping out. Thanks to all that participated and visited, hope to do it again next year.



Tony, VE3RZ won the award for Single Operator, Mixed Mode, Low Power in the Ontario QSO Party this year. This award was sponsored by the Hamilton Amateur Radio Club. Our congratulations to Tony.

Sherry set up her 14-foot canopy for a hospitality station.

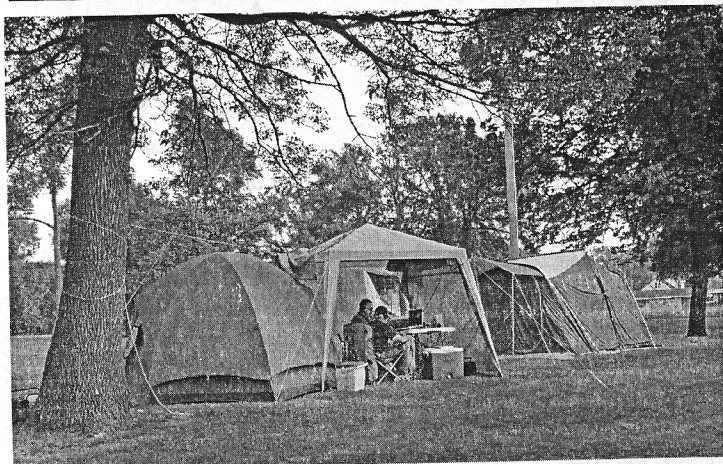


Fred VE3GCP and Jason Stahls VA3JHS on 80 meters.



This local resident came over to get some help operating his short wave radio. Mark VE3RYI is giving him some instruction.

Pictorial: Field Day at Bruce Park July 1st, 2010



Top left  
Sherry  
VE3DCU 20  
meters  
. Top right  
Kevin VE3HNG  
2 meters.  
Center, tents  
set up in  
Bruce Park  
among the  
antenna trees.  
Lower right,  
John VE3DVV  
inside the  
house trailer  
demonstrating  
Flex radio for  
visitors to the  
Field Day site.

