

Kilowatter

The voice of the KW Amateur Radio Club

September 2009

Since 1922

Kitchener-Waterloo Amateur Radio Club

133 Weber St. N. Suite #3-138
Waterloo, Ontario
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MONDAY'S MEETING

Date: Monday September 14, 2009
Time: 7:30pm
Place: RCAF Wing 404 Club. End of Dutton Dr. Waterloo. Off Weber St. N.
Topic: Summer Events: The Fergus Flea Market and Field Day

UPCOMING EVENTS

Ottawa Amateur Radio Club 13th Annual Hamfest Ottawa Amateur Radio Club, Inc Saturday, September 12, 2009 Ottawa (Carp), ON	Barrie-Orillia Hamfest Barrie Amateur Radio Club & Orillia Amateur Radio Club Saturday, September 12, 2009 Barrie Ontario
32nd Annual London Amateur Radio Club Flea Market London Amateur Radio Club Sunday, September 27, 2009 London Ontario	Hamfest 2009 Hamilton Amateur Radio Club Saturday, October 17, 2009 Ancaster (Hamilton) Ontario
York Region Amateur Radio Hamfest - 33rd Edition YRARC Saturday, October 24, 2009 Markham, ON	KWARC Christmas Luncheon Kings Buffet December 11, 2009
Big Event 32 - Flea Market and Hamfest Niagara Peninsula Amateur Radio Club, Inc. Saturday, February 6, 2010 St. Catherines, Ontario, ON	Central Ontario Hamfest & Fleamarket GARC & KWARC Sunday, June 6, 2010 Cambridge, Ontario

KWARC Directors 2007-8

President	Nick Waterman	VA3NNW	884-3760
Vice President	Ben Sasiela	VE3ST	242-7436
Past President	Dennis Tabbert	VA3DLT	
Treasurer	Don Fisher	VE3ESE	578-7328
Secretary			
Director	Tedd Doda	VE3TJD	513-0377
Director	Gord Hayward	VE3EOS	744-7205

The Executive Committee Chairs

Program	vacant		
Technical	Tedd Doda	VE3TJD	513-0377
Database Mgr	Dave Schwartz	VA3DGS	699-6296
Bulletin Editor	Gord Hayward	VE3EOS	744-7205
Edu. Co-Ord	Ron Gimbel	VE3DBD	584-2009
Chief Examiner	Vern Stroud	VE3RVS	880-8862
ARES Manager	Larry Gorman	VE3LGN	884-6782
CANWARN Mgr.	Ben Sasiela	VE3ST	242-7436
QSL Manager	Gord Gibson	VE3NQG	893-5148
Inventory	Ben Sasiela	VE3ST	242-7436
Field Day	Gord Hayward	VE3EOS	744-7205
Webmaster	Dennis Tabbert	VA3DLT	
Bereavement	Marg Cassel	VE3RE	
Flea Market	Nick Waterman	VA3NNW	884-3760
QCWA Rep	Harold Braun	VE3DWH	884-2388

KWARC Owned Repeaters/Nodes

Mode	Call	Freq.	PL	patch	Location
Voice	VE3KSR	146.970	131.8		Baden Hill
Voice	VE3RCK	146.865	131.8		Mannheim
Packet	VE3KSR-0	145.010			Baden Hill
Voice	VE3IXY	224.340	131.8		Mannheim
IRLP	VE3RBM	444.875	131.8		Mannheim
Echolink	VE3SED	53.370	131.8		Baden Hill
Voice	VE3SED	442.200	131.8		Baden Hill
Special Events		147.510			Kitchener

Other Area Repeaters/Nodes

Mode	Call	Freq.	PL	patch	Location
Voice	VE3ERC	444.700	N		Elmira
Voice	VE3SWR	146.790	N		Cambridge
IRLP	VE3WFM	147.090	N		Waterloo
Voice	VE3RSS	147.030	N	members	Acton
ULR Link	VE3BHR	447.075	Y		Baden Hill
Voice	VE3ZMG	145.210	N		Guelph
Voice	VE3BAY	442.350	Y		Kitchener

The Pres Sez



Hi all, and welcome back to a new season of KWARC, from your new president Nick VA3NNW.

I hope everyone had a pleasant summer. Since our last meeting, I've enjoyed our Hamfest / Flea Market, which was hard work but a lot of fun (hopefully I'll get a chance to say a few words about it at this month's club meet), and our Field Day, which was even more fun, though it did take about 2 weeks to get my voice back.

Also did a bit of travelling. I went back to the UK to visit family and friends, including John G3WWT from my old radio club (Echelford Amateur Radio Society - "EARS"). He's the editor of their newsletter ("The Natter"), and he gave me a bit of an interview, so I should be appearing in TWO club newsletters this month.

Please let us know if there's any particular club events you'd like to see, and we'll see if we can arrange an exciting and interesting program for you.

Thanks for voting me in, and I'm hoping I won't make you regret it! I have the support of an excellent exec (see page 1), and I'm certainly looking forward to the year ahead.

VA3NNW ("Nosey" Nick W)

Short Items and Announcements

The Zehr's tape program has wound down so we are no longer collecting the tapes. Zehr's donated a portion of the amount to the Club for the purchase of equipment and community activities. We are grateful to Zehr's for this community service. VE3RE, was the volunteer who amassed, counted and submitted the tapes. Thanks, Marg, for doing this for the club.

Don't forget the breakfast gatherings: Saturday mornings at Angels in the plaza at Lawrence and Highland, Monday mornings at Benny's at Weber and Lodge in Waterloo and the Wednesday morning coffee gang at Luther Village. All start at about starting about 9 and last about an hour (or two). No agenda or formality, just good food and conversation.

I received this E-mail from Ben and pass it on for your information:

RAC Bulletin 2009-027E Decision Expected Soon on Ontario Cell Phone Issue - Bill 118.

A decision by Ontario's Ministry of Transportation in regards to exemptions to Bill 118 (the Bill to limit cell phone use by drivers in moving vehicles) is expected to be announced at any time.

All Ontario Radio Amateurs who are concerned about the possibility that Bill 118 might curtail the operation of two-way radio equipment while driving a vehicle in Ontario are encouraged to contact their local MPP and Transport Minister Jim Bradley. For the latest information on Bill 118 please visit the RAC Blog site at <<http://www.racblog.wordpress.com>>

Peter West VE3HG

Vice President Public Relations - Radio Amateurs of Canada Inc.

Kitchener Waterloo Amateur Radio Club

June 1, 2009 Meeting



Gary Hammond giving QSL presentation

Roll Call at the start of the meeting



One of Gary's more unusual items



Coffee time

The main business item was the election of the executive. The following slate was nominated and accepted by the membership: Ben, VE3ST Dennis, VA3DLT Nick, VA3NNW Don, VE3ESE Gord, VE3EOS Tedd, VE3TJD and Bonnie, VA3BLM. The duties are to be assigned at the next executive meeting.

The last item was the 50/50 draw, won by Vern, VE3RVS.

KWARC Executive Meeting Sept. 1, 2009.



Present: Ben, VE3ST Dennis, VA3DLT Gord, VE3EOS
Nick, VA3NNW Don, VE3ESE
Regrets: Tedd, VE3TJD

Called to order 19:36

Item 1: Exec committee: remove packet, autopatch from KWARC list. Put me (Nick VA3NNW) as fleamarket rep), remove Gerry's VE3RND repeater. Fix website too.

Item 2: Don+Ben got printout of dates for 404 wing, committed ourselves for 2 years. Girl there talks about rental going up, but if we pre-pay for 1yr or 2yrs we can get price fixed. \$25 Ben proposed we pay 2yrs. Seconded by Dennis, Motion carried.

Item 3: program for Sept 14th: had approached Garry VE3JGK but he's not able to do Sept. Series of short presentations:

- A: Field day presentation? Get any Pics to Gord. Sunspots etc
- B: Fleamarket: pics? Report from OGE? Vendors, visitors, prizes, moving venue, move to Sunday. Pics of new site? Powerpoint? Financial report
- C: Larry Gorman sailing, see if he did any radio and/or wants to talk about sailing?
- D: Natter Night? Just sit around and chat about what anyone else has done over the summer etc. (Gord: Algonquin)

Bill Graham another time? This would be longer than 10-15 mins though.

Item 4: \$100 to Gord for running club QSL duties.

Item 5: Field day review: nothing negative. Not sure what Doon will be like next year. Can't pre-book Breithaupt park, but needed by-law changed to permit 24h operation, aldermen notified, park rangers and security needed to know, police, etc. Would do Breithaupt again another year. Gord's bill went \$20 over budget, but this was still less than last year.

Action Gord: put a report in the Kilowatter, also thanking John Cooper, Jennifer Campbell, Deb Gillick from City of Kitchener. 2662 claimed points.

Club satisfied with Breithaupt, will likely operate from there next year as Doon is likely to still be under construction. Could we arrange for more sunspots next year though please? ;-) (did we need to vote on that?)

Item 6: Club financial status: bank july 31st \$4115 balance. Deposited \$500+ (mostly memberships, Zehrs tapes, 50:50, etc). -\$250 and -\$15ish. Balance should now be \$4427.04. -\$250 for rent, \$27 for Gord, but still certainly financially sound.

Item 7: Bonnie declined exec position for personal reasons / conflicting responsibilities. Discussed approaching one or two other people, will probably run it past the membership if/when we can get someone to accept.

Fleamarket Kwarc exec: Nick thanked. Attendance up, vendors slightly down. Offering to give me the title of Kwarc hamfest representative.

Can't block road back to campers, but proposing that we can get people to park along side of main road, take ticket money, give out free coffee to general public queuing to get in (like Milton) (2 Timmy's urns, or get police assoc to make them up?). Vendors + tailgaters overtake. Proposal (to GARC): free coffee to queuing public.

Also, hamfest.on.ca domain \$50 approved.

Extra agenda item: Dennis has been webmaster, continuing to be. Nick VA3NNW has web experience, Dennis OK with this, will have Nick as backup webmaster. Will get server details, usernames, passwords to Nick.

Ben doesn't want to be President - likely to miss about 4 meetings. Would like to be VP or just "director". Dennis has already been lots of times. Nick VA3NNW "Volunteered" or more "voluntold".

Pres: Nick (also fleamarket registrar, fleamarket rep, backup webmaster) (promised lots of help) "The Pres Says" monthly (fleamarket, field day, thanks Ben for beers and bites)
VP: Ben
Past Pres: Dennis
Treasurer: Don
Sec: To be filled (temp Gord / Larry / Ken / weekly Volunteer?)
Director: Ted
Director: Gord

Other Business:

SK obits on website should be nominated by members, and be members / past members / recognised by members, not any random Ontario ham, celebrity, etc. Guidance given to Dennis

Meeting Adjourned (prop Ben, second Don, carried)

Sent from my BlackBerry wireless email gizmo.

[The Thirty-Fifth Central Ontario Hamfest and Flea Market](#) [2009 Wrap Up:](#)



This is the year we tried going all electronic for the vendor bookings, with a lot of success and some envy from other hamfest organisers, but still some potential for improvement next year. We thank all the vendors who patiently followed our information requests for registration.

Once again this year we are grateful that the weather cooperated! Both the vendors (especially the tailgaters) and our public enjoyed sun and cloud, with a light wind- not too hot and not too cold- just like Baby Bear's porridge!



ONTARS at the Hamfest

Tailgaters at the Hamfest

We welcomed Doug VE3DTX and the Dufferin County Emergency vehicle. We also hosted the ONTARS Net which AI VE3TET and his colleagues operated directly from on site.

Nevertheless, while the venue has been popular, we can no longer afford to host this event at the Centre Wellington Sportsplex in Fergus. Our costs have been rising very rapidly the last few years. It's become too expensive for us.

We scouted suitable locations and decided on the Waterloo Police Association Recreation Park in Cambridge. It's right beside Highway 401 (between exits 268 and 275). It has a large, bright, clean hall for the inside vendors. Outside, it's enormous! A huge parking lot with lots of suitable tailgating space, and plenty of secure parking. We're already planning some features to make your visit to our grand ol' fleamarket/ hamfest at our brand new location a fine experience.

Our sincere thanks to our prize sponsors, who add a touch of excitement to our event with the ever-popular door prize draws and final grand prize draws.

Finally, a heartfelt thank you to those hams from both clubs who carried out all the required tasks- it can't happen without you! It was hard work, but a lot of fun.

Mike VE3OGE, Co-Ordinator.

Pictures from Mike VE3OGE

[Field Day 2009](#)

The KWARC Field Day event was held on June 27 and 28 at Breithaupt Park in Kitchener. The usual site at Doon was unavailable as it was (and still is) under construction. Since a bylaw variance was required to allow overnight activity in the park, we are grateful for the co-operation of several City of Kitchener people including John Cooper, Jennifer Campbell, Deb Giiick and Counsellor John Smola.

The site was perfect for field day. Ben's tower trailer was located next to the shelter and supported most of the antennas. We used the picnic shelter for a few stations and the food and when the rain came we stayed dry as did the other stations under canvas. The terrestrial weather was good except for a patch of rain, but the space weather wasn't great. For the third year in a row the solar flux was 67, at the bottom of the scale. Although the polarity of sunspots has changed I wonder when the next cycle will really start to heat up.

Above is our official entry which lists the number of contacts and other point claims totaling 2662. We did very respectably on CW this year thanks to Gary (VE3XN) and Greg (VE3NXB) who did most of the 20m work and Dave (VE3RBA) who did most of the other CW bands. Our class was 5A with the following stations:

Gary (VE3XN) and Greg (VE3NXB)	20m
Gord (VE3RGG) and Nick (VA3NNW)	40m
Gord (VE3EOS)	80m
Dave (VE3RBA) and Dave (VE3PMT)	10m
Bob (VE3XNB)	QRP

There were others who helped immensely and hung around for most of the time. The operators (especially me) certainly appreciated the company.

TNX es 73 de Gord, VE3EOS, Field Day Co-ordinator (I only put in two of Ben's pictures so I won't steal too much of my own thunder from the meeting presentation)



2009 Field Day Entry Form
2009 Rules

Datestamp: 2009-07-27 07:03:56 PDT
Confirmation: 329986210813ae99

Use the following link if you want to update your Field Day entry:
http://www.b4h.net/cabforms/fielddayupdate.php?callused=VE3IC&confirmation=329986210813ae99

Thanks for using the web to submit your 2009 ARRL Field Day entry. Print this page to use as proof that you submitted your entry.

Call Used: **VE3IC** GOTA Station Call: **(none)** ARRL/RAC Section: **ON** Class: **5A**

Participants: **16** Club/Group Name: **Kitchener Waterloo Amateur Radio Club**

Power Source(s): **Generator**

Power Multiplier: **2X**

Bonus Points:	
Description	Points
100% Emergency power	500
Set-up in Public Place	100
Youth participation	20
Youth operators=1	
Youth participants=1	
Submitted via the Web	50
Total Bonus Points	670

Score Summary:				
	CW	Digital	Phone	Total
Total QSOs	292	0	747	
Total Points	584	0	747	1331
Claimed Score = 2,662				

Submitted by:
Gordon Hayward, VE3IC
48 Schweitzer St.,
Kitchener, Ontario, N2K 1B4,
CANADA
E-mail: ghayward@uoguelph.ca

Comments:

The location of our event was Breithaupt Park, City of Kitchener Power for all operations was a single gasoline generator. The youth operator, Katherine (daughter of VA3NNW) made 1 contact on 40m 55B.

Band/Mode	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m						
80m	133	100			110	100
40m					299	100
20m	145	100			328	100
15m	13	100			2	100
10m					8	100
6m	1	100				
2m						
1.25						
Other						
Satellite						
GOTA						
Total	292		0		747	

Supporting Documentation Required

Based on your selections, the ARRL expects to receive supporting documentation:

- via mail to: Field Day, ARRL, 225 Main St., Newington, CT 06111 USA

Your entry was e-mailed to: fieldday@arri.org with a copy to ghayward@uoguelph.ca

Version: 1.10
Revision Date: June 21, 2009
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Web form by WA7BNM

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27/07/2009 10:04 AM



The Gang



Putting The Beam On The Tower

[What Is It?](#)

Last month, the item was kind of obvious, but the real question was 'Why are there so many wires?' The device is a 0.1 Ohm current sensing resistor. Two of the wires carry the current and the other two go to a voltage measuring circuit. If there were only 2 wires, the wire voltage drop would give a significant error. The two side wires touch the centre at exactly the 0.1 Ohm points. (This series will be continued next month)



