

NORTH SHORE ARC

Box 171, Oshawa, ON, Canada, L1H 7L1
www.osha.igs.net/~Isolomon/nsarc.htm

VOLUME 5, NUMBER 2

MARCH/APRIL, 1999

Hamfest Time!

**Canada's Largest
Canada's Best**



**A show for:
Amateur Radio, Scanner,
Shortwave, and other
communication enthusiasts!**

**April 17, 1999
Metro East Trade Centre**

**Just north of Hwy #401 on Brock Rd.
Pickering, Ontario**

**Exit 399 on Hwy #401
15 minutes east of Toronto**

Executive Members

President	Peter, VA3PWH
Vice President	Alan, VA3ALN
Secretary	Jean Paul, VE3JPT
Treasurer	Ries, VE3UEA
Program Co-ordinator	Mike, VE3VCY
Membership Chair	Les, VA3LTB

Calling All North Shore Hams

The Ontario QSO party is looking for someone to anchor a Durham Co. Station in this year's Ontario QSO party. The object of the contest is to collect points for contacting stations in as many Ontario Counties as possible. Contest date: April 24,25.

Call Winston. 725-0829, if you would like a weekend of fun.

Monthly Meeting

See you at the RCAF building at the Oshawa Airport.
Meeting is on the third Monday of the Month at 1930hrs.

From the Chair in the Shack

Peter Henry, VA3PWH

As I write this, several developments are underway which I would like to share with members and all hams. Some are of local interest and others much more global in nature.

Our Hamfest is underway with 22 tables sold as of today and more every passing day. At a recent executive meeting of the Hamfest committee, it was decided that tables will not be sold at the door next year. We continue to work toward having participation by commercial firms with broader interests outside the boundaries of the hamfest. They would make up the rest of what we call "Comfest" and might sell items like cell phones, CB's etc. The income from this would supplement the usual table sales nicely. For this year, expect to see a few firms outside our paid area, trying their hand at getting business from the general public as well as hams. Since we rent them this space, we profit too.

Your executive had a long and enjoyable meeting with the repeater committee which focused on Emergency

preparedness and what we are doing as a club. While no concrete steps have resulted, the feeling I got was that we had been able to toss around ideas for future consideration with an emphasis on equal participation by all concerned. If you have ideas you'd like discussed, please drop us a note or ask to be at an executive meeting. We LOVE having visitors and many of you have really neat ideas which we should probably consider. If we don't know about them, we can't very well change, so come on out.

We are working on the idea of a larger-than-club meeting at which we can address the whole issue of emergency communications. The executive's purpose is twofold. The first, and most obvious aim of such a meeting is to involve members in training so that our region can depend on us when all else fails. The ice storm proved that this can and does happen. The second aim is to let hams who are not presently members know about us and perhaps swell our ranks some. The person who co-ordinates the emergency measures for the Durham Region has indicated that he is pleased that hams are interested and also that he would be happy to be at a meeting such as this. More details as the plan evolves.

Field Day is underway, with the Oshawa airport having given approval on a preliminary basis. Now we need some staff, some publicity, some visiting dignitaries and some visitors to see what we do. This is going to have to be very well organized and some of you with golden tongues should be ready to meet the public and explain what we do. I know you will be there.

For those of you with internet access, check out Hamradio Online magazine at this address <http://hamradio-online.com> for info on a real threat to hf radio as we know it.

Briefly, A group has been formed to develop home networking products for computers which will use existing unshielded home wiring to send data. At the rates expected, the noise level in the hf band is expected to be a major problem. In addition, your transmissions will easily disrupt such data transfer. If you thought neighbours were angry about tv, try this. The author of the article has tested some of the systems already available and found major problems. Unfortunately, biggies like Mr. Gates are part of the group and support it. Please read the article if you possibly can. Check out the links as well to the webpage of the group promoting this system. You will not like it much at all.

I am very sorry to be the messenger so don't shoot me. Don't rely on my perception either. Do whatever you can to find out the scoop on this one. Something tells me that it is not nice to save the sour wine for the last but there you have it.

73, Pete

Guides on the Air 1999

Fred Bengal, VE3TIG

The guides were well organized this year with groups from Bowmanville and Whitby attending the Oshawa guides. A total of 100 guides arrived between 10:00 and 16:00. Although the temperature was -13 ° C weather co-operated and we had a sunny day to erect and removed antennas. Contacts were made with places as far away as Brandon, Manitoba and Nova Scotia. The guides made many contacts on both the two HF stations and the 2 meter station. In addition to the radios, guides were able to learn about Morse code, APRS, QSL cards, awards and the phonetic alphabet. I would like to thank the following for their support.

MARG	VE3BNN
DON	VE3GXH
MIKE	VE3VCY
CHARLIE	VE3UEM
MARTHA	VA3SBD
LES	VE3LTB
LARRY	VA3FGH
ANTHONY	VA3BGA
JOE	VE3VGJ
RIES	VE3UEA
BOB	VE3ADJ
PETER	VA3PWH
JIMMER	VA3JTC
JEAN-PAUL	VE3JPT
ANNE	VE3KWI

Claim Half The Basement

Les, VA3LTB

As I sat down at the keyboard I realized that I had not written an article for the bulletin in a very long time. So what do I talk about????

- A. How I got started in amateur radio
- B. The N.S.A.R.C. in genera
- C. My Shack

C won.

A lot of planning went into my Ham Shack, there are certain requirements that had to be met, like location in the house. Out of the main stream of family where I could work with out being disturbed. Power outlets, cable inlet, size of room, close to tower, some where out of ear shoot of the YL so you can't be called for every little thing.

I settled for the small back room in the basement it required paint which I took care of in short order with a light green in colour.

As I only started with a Kenwood TM251A, a 2 meter mobile radio, I had loads of room in my new quarters and I was sure I had all the angles cover, I had it made. WRONG, WRONG AND W R O N G. I forgot to add in a fact of life, once you start you always want more as well as bigger and better toys.

I needed a work bench for building components as well as for doing cleaning and minor repairs on VCR's which I started as a side line. Then you add one computer with tower and printer plus reams of paper which you obtained at a good price. Then there is the book shelf to hold all the books you accumulate over time, every thing from DOS for Dummies, catalogues (a must have) and last but not least, The Canadian Amateur.

Sooner or later you start looking for storage space, try under the basement stairs. I did and found a small space under the stairs where I now store the boxes of spare parts of which I have accumulate, and so will you, not to mention antennas. Do you think we are done yet, not even close.

Next you discover Packet and for a great adventure decided to try it. First off you will require another radio as the mobile is becoming a pain taking it in and out of the house to the car and back. An HT comes to mind for ease and mobility. Start with Christmas, then your birthday or Fathers Day and if that don't work save your pennies. You will have a need for a upgrade on the family computer, or purchase a new one. Even better build one from boards that can be obtained cheap just by asking around. (take note family) There s also a requirement for a TNC that comes under the same category as the HT. To obtain the knowledge on how to construct as well as operateing procedures is quite simple, just ask a fellow ham, good chance he is already into packet. I now have 2 computers, 1 on packet and the other for general use. I still only have the mobile 2 mt radio, maybe some day I will save enough for a HT, but first comes an antenna tuner.

Now that you have been bitten by the Ham Bug, your adventure begins again. HF starts working on you brain and you can't wait to tune your HF set and call CQ CQ CQ. You begin the hunt for a historical type radio, a Heath Kit. comes to mind. After a long search of all local hamfests you discover one on the packet swapshop at a fair price. You start to dream of the day you start calling CQ CQ CQ but first you had better find room on the table for it and don't forget the antenna/S

Our children are all grown up but like others they still store items that they at present have no room for, "but dad you have a large basement". Any way the moral of the story is CLAIM HALF THEBASEMENT RIGHT OFF THE BAT. Hi Hi. 73 de Les, VA3LTB

The Boy Who Asked for Money

The man came home from work late again, tired and irritated, to find his 5-year-old son waiting for him at the door. "Daddy, may I ask you a question?"

"Yeah, sure, what is it?" replied the man.

"Daddy, how much money do you make an hour?"

"That's none of your business! What makes you ask such a thing?" the man said angrily.

"I just want to know. Please tell me, how much do you make an hour?" pleaded the little boy.

"If you must know, I make \$20.00 an hour."

"Oh," the little boy replied, head bowed. Looking up, he said, "Daddy, may I borrow \$10.00, please?"

The father was furious. "If the only reason you wanted to know how much money I make is just so you can borrow some to buy a silly toy or some other nonsense, then you march yourself straight to your room and go to bed. Think about why you're being so selfish. I work long, hard hours every day and don't have time for such childish games."

The little boy quietly went to his room and shut the door. The man sat down and started to get even madder about the little boy's questioning. How dare he ask such questions only to get some money.

After an hour or so, the man had calmed down and started to think he may have been a little hard on his son. Maybe there was something he really needed to buy with the \$10.00, and he really didn't ask for money very often. The man went to the door of the little boy's room and opened the door.

"Are you asleep, Son?" he asked.

"No, Daddy, I'm awake," replied the boy.

"I've been thinking, maybe I was too hard on you earlier," said the man. "It's been a long day, and I took my aggravation out on you. Here's that \$10.00 you asked for."

The little boy sat straight up, beaming. "Oh, thank you, Daddy!" he yelled. Then reaching under his pillow, he pulled out some more crumpled bills. The man, seeing that the boy already had money, started to get angry again. The little boy slowly counted out his money, then looked up at the man.

"Why did you want more money if you already had some?" the father grumbled.

"Because I didn't have enough, but now I do," the little boy replied. "Daddy, I have \$20.00 now. Can I buy an hour of your time?"

3rd Annual Ontario QSO Party

Howard Mugford, VE3TYQ

April 24th, 1999 18:00 UTC - April 25th, 1999 18:00 UTC
FREQUENCIES: (Phone/CW) All HF bands 160-10 meters with the exception of the WARC bands (12, 17 and 30 meters) which by IARU agreement are contest-free.
All VHF/UHF bands.

SUGGESTED FREQUENCIES FOR MOBILES/QRP: 1.870, 3.735, 3.860, 7.070, 7.260, 14.130, 14.265, 21.260, 28.360 on SSB, 1.820, 3.520, 3.720, 7.020, 7.120, 14.020, 21.020, 21.120, 28.020 on CW, 52.540, 146.550, 446.100 on FM

SUGGESTED MANNER OF OPERATION: Work HF SSB on the hour, work HF CW on the half hour, work VHF/UHF (either FM simplex, SSB or CW) at 15 minutes after the hour.

USE OF FM: Operators may not use repeaters for the purpose of the contest. Operators should keep the 2 meter FM simplex calling frequency of 146.520 MHz. clear. Operators may not use repeaters for the purpose of soliciting contacts.

CATEGORIES: Multi-Operator, Single Operator Low Power (up to 150 watts on HF, up to 50 watts on VHF/UHF), Single Operator High Power (over 150 watts on HF, and over 50 watts on VHF/UHF), Single Operator Single Band, Mobile/Rover, HF QRP (5 watts and under), VHF/UHF FM QRP, CW, SSB or mixed mode. Also shortwave listener (SWL) category.

EXCHANGE: Ontario stations send signal report and Ontario county, district, regional municipality, or city in the case of the amalgamated City of Toronto.

Other stations send signal report and Canadian province/territory, U.S. state or DXCC country.

SCORING: Ontario stations work everyone. Stations outside Ontario work only Ontario stations. Score 1 QSO point for every station worked on SSB per HF band. Score 2 QSO points for every station worked on CW per HF band. Work each station only once per band whether CW or SSB. Score 5 QSO points for each contact per band made on amateur bands from 50 MHz. up. Score 10 QSO points for working VE3ODX and VA3RAC per band.

Shortwave Listeners log only Ontario stations.

MULTIPLIER POINTS: Ontario stations earn 1 multiplier point for each Ontario county, district, regional municipality and the amalgamated City of Toronto worked on each band (see multiplier list), each Canadian province/territory (excluding Ontario), each U.S. state and DXCC country.

Stations outside Ontario earn 1 multiplier point for each Ontario county, district, regional municipality and for the amalgamated City of Toronto worked on each band. Shortwave Listeners use the same formula for multiplier points as stations outside Ontario.

TOTAL SCORE: Total QSO points x Total multiplier points = Your score.

MOBILE/ROVER BONUS: Mobile/Rover stations add 300 points for each Ontario multiplier activated. To earn the mobile/rover bonus a mobile/rover station must make at least three contacts with three different stations from the multiplier.

MOBILE/ROVER STATIONS: Mobile/Rover stations may be worked once per band from each Ontario county, district or regional municipality (city in the case of City of Toronto) they operate from.

AWARDS:

CERTIFICATES: to the top scorers in each category and to top scorers in each Ontario county, district, regional municipality, amalgamated City of Toronto, Canadian province/territory, U.S.A. state, and DXCC country. Other certificates may be awarded based on activity.

BUTTONS: Each station making over 50 QSO's will qualify for an "Ontario QSO Party" button bearing your callsign. Operators at multi-operator stations making over 50 QSO's will also qualify. Please submit \$2.00 per button with your log to help defray costs. (Shortwave Listeners logging at least 50 stations also qualify).

T-SHIRTS: Each station making over 100 QSO's will qualify for an "Ontario QSO Party" t-shirt. Operators at multioperator stations making over 100 QSO's will also qualify. Please submit \$15.00 per t-shirt with your log entry to help defray costs. Also please specify t-shirt size (S, M, L, XL, XXL). Shortwave Listeners logging at least 100 stations also qualify.

***** OTHER AWARDS TO BE ANNOUNCED!! *****

LOGS: Entries should be postmarked no later than May 31, 1999. Send your logs to: Ontario QSO Party, Ontario DX Association, P.O. Box 161, Stn. A, Willowdale, Ontario M2N 5S8. Entries can be sent on disk or via the Internet in standard textfile format. (Please do not send logs in a word processing format). E-mail logs should be sent to: ve3sre@rac.ca. Please include your snail mail address with any electronic logs.

Please ensure that your entry includes the class you are entering in and the multiplier area(s) that you operated from. Feel free to submit your comments or photographs etc. Donations are appreciated.

Entry forms may be downloaded from the ODXA website, send an e-mail note to ve3sre@rac.ca or by sending an SASE to the ODXA. An entry is not invalid if you don't use the official forms but we would prefer that you do so.

RESULTS: Raw results will be posted on the ODXA website at <http://www.durhamradio.ca/odxa> as they come in. Results will also be published in the September issue of "DX Ontario". If you'd like a snail-mailed copy of the results, please send an SASE or outside Canada an SAE with sufficient IRC's or greenstamps to cover postage. Please do not fix non-Canadian postage stamps to SAE's. If you'd like a copy of the September issue of "DX Ontario" please send \$5.00 Canadian or equivalent.

MULTIPLIER LIST	CONTEST ABBREVIATION
Algoma District	ALG
Brant County	BRA
Bruce County	BRU
Cochrane District	COC
Dufferin County	DUF
Durham Regional Municipality	DUR
Elgin County	ELG
Essex County	ESX
Frontenac County	FRO
Grey County	GRY
Haldimand-Norfolk Reg. Municipality	HNO
Haliburton District	HLB
Halton Regional Municipality	HTN
Hamilton-Wentworth Reg Municipality	HAM
Hastings County	HAS
Huron County	HUR
Kenora District	KEN
Kent County	KNT
Lambton County	LAM
Lanark County	LAN
Leeds-Grenville County	LGR
Lennox-Addington County	LXA
Manitoulin District	MAN
Middlesex County	MSX
Muskoka District	MUS
Niagara Regional Municipality	NIA
Nipissing District	NIP
Northumberland County	NOR
Oxford County	OXF
Ottawa-Carleton Regional Municipality	OTT
Parry Sound District	PSD
Peel Regional Municipality	PEL
Perth County	PER
Peterborough County	PET
Prescott-Russell County	PRU
Prince Edward County	PED
Rainy River District	RAI
Renfrew County	REN
Simcoe County	SIM
Stormont-Dundas-Glengarry County	SDG
*Sudbury District	SUD
Thunder Bay District	TBY

Timiskaming District	TIM
City of Toronto (as amalgamated Jan. 1, 1998)	TOR
Victoria County	VIC
Waterloo Regional Municipality	WAT
Wellington County	WEL
York Regional Municipality	YRK

*Sudbury Regional Municipality counts as Sudbury District for the purpose of the contest.

If you plan to activate one of the above counties, districts or regional municipalities please feel free to drop us a note via packet at ve3odx@va3bbs or via e-mail ve3sre@rac.ca. Watch the ODXA website for updates at <http://www.durhamradio.ca/odxa>

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 packet: ve3lks@bbsbbs
 direct: ve3lks-1 on ve3ush

Ode to My Spell Checker

submitted by Bruce Wickwire, N4TNL, author unknown

Eye halve a spelling chequer;
 It came with my pea sea.
 It plainly marques four my revue
 Miss steaks eye kin knot sea.
 Eye strike a key and type a word
 And weight four it two say
 Weather eye am wrong oar write,
 It shows me strait a weigh.
 As soon as a mist ache is maid,
 It nose bee fore two long,
 And eye can put the error rite,
 Its rare lea ever wrong.
 Eye have run this poem threw it,
 I am shore your pleased two no,
 Its letter perfect awl the weigh,
 My chequer tolled me sew.

Swap Shop

Peter, VA3PWH (905) 436-9236

For Sale Palstar 300 Watt Antenna Tuner with 48 position inductor switch \$190.

Josef, VE3FVH (905) 655-3009

ICOM IC 471 70 cm all mode transceiver with power supply \$650. Microwave module 432 Mhz 100 watt linear \$250. TE systems 70 cm. 100 watt linear with Preamp \$350. Landwehr 2 m. Preamp. mast mount \$150. Kenwood TS 180-S Transceiver, PS-30 P/s, SP 180 Spkr. Mic. Manual \$630.

MFJ Electronic Keyer paddle , model MFJ-422C \$40. Larsen 2 m. 5/8 Magmount Ant. \$30. Larsen 2 m. 5/8 Glass mount Ant. \$50. Cushcraft 2 m. 5/8 Mag mount Ant. \$30. Hustler Mobile Resonators, RM-20, RM-40 RM-10S, RM15-S, RM-40S, Spring, Ball mount. \$120. Datong Morse tutor, Model D-70 \$35. 2 pcs. IPC Solar Panels 12 Volt 80 ma. NEW \$50. Kenwood CW Crystal Filter YK-88CN NEW \$120. Kenwood TS 570-S Transceiver, PS-53 P/S , Val-PHF6B 6 m. Mobile Ant. \$1800. Kenwood Deluxe Headphones HS-5 \$65. Kenwood TS-440S Transceiver \$700.00 Kenwood R-2000 Receiver, inc. CW Crystal Filter YG 455, VC-10 VHF Converter \$400. Kenwood SWR/Power Meter, SW-100 \$75. Vibroplex HKD Hand Key Deluxe, Straight Arm Paddle Jewel \$120. Cushcraft R-7 Vertical \$200. Sony C/D Player CDP-50 \$50. Radio Shack 5" Portable Colour TV. \$50. Steriovision 5" TV. \$60. Alaron 40 Channel CB. \$35.

Peter, VE3ETR (905) 655-5180

Htx 100 10 meter mobile, 25 watts ssb & cw. 10 memories, mint. \$100. 24 dot Star Matrix Printer, model NC 101, Multi Font \$50. Kenwood TS 850 SAT, P/S Model 52, S P 31 Speaker with Filters, CW filter model YK 88CN-1, UP - Down hand mike, Desk mic MC 60, Boxes & Manuals. \$1800.

Rick, VE3ZTP (905) 404-0084

For Sale, Motorola Commerical Two Meter Transceivers, 40 Watt output, Dash mount remotes \$50. OR TRADE for Ham radio gear.

Roy, (905) 983-5411

D104 Silver Eagle Desk Mic \$75.FIRM.

Jack, VA3JFW (905) 571-5334

TRC-47 CB radio converted to 10 meters \$20.

Rick, VE3ZTP (905)404 0084

WANTS a HF Antenna Tuner with a SWR meter to handle 500 Watts.

Walter, VE3FJC (905) 263-2338

Ringo Ranger Two Meter Vertical Base Ant. \$40.

Mike, VE3DKW (905) 723-7674

Wanted - COMMAND transmitters Model BC-458 & BC-459.... or any other command transmitters or receivers....

Send all listings to VE3FJC, Walter at (905) 263-2338, by packet at VA3BBS, or by phone at VE3OSH 2 meter repeater.

You must Work for the Government

There were two guys working for the city. One would dig a hole, he would dig, dig, dig, the other would come behind him and fill the hole, fill, fill, fill. These two men worked furiously. One digging a hole, the other filling it up again. A man was watching from the sidewalk and couldn't believe how hard these men were working, but couldn't understand what they were doing. Finally he had to ask them.

He said to the hole digger, "I appreciate how hard you work, but what are you doing? You dig a hole and your partner comes behind you and fills it up again!"

The hole digger replied, "Oh yeah, must look funny, but the guy who plants the trees is sick today."

Surgeons

Five surgeons are discussing who makes the best patients to operate on.

The first surgeon says, "I like to see accountants on my operating table, because when you open them up, everything inside is numbered."

The second responds, "Yeah, but you should try electricians! Everything inside them is color coded."

The third surgeon says, "No, I really think librarians are the best; everything inside them is in alphabetical order."

The fourth surgeon chimes in: "You know, I like construction workers ~ those guys always understand when you have a few parts left over at the end and when the job takes longer than you said it would."

But the fifth surgeon shut them all up when he observed: "You're all wrong. Politicians are the easiest to operate on. There's no guts, no heart, and no spine!"

Math Fun!

Work this out as you read. Don't read the bottom until you've worked it out!

1. First of all, pick the number of days a week that you would like to eat out.
2. Multiply this number by 2.
3. Add 5.
4. Multiply it by 50. I'll wait while you get the calculator
5. If you have already had your birthday this year add 1749. If you haven't, add 1748.
6. Now subtract the four digit year that you were born.

You should now have a three digit number:

The first digit of this was your original number (i.e., how many times you want to go out each week). The second two digits are your age. This is the only year (1999) it will ever work, so spread the fun around