



# THE SEAWAY VALLEY AMATEUR RADIO CLUB NEWSLETTER

## "THE RESONATOR (Gap)"



4672 O'Keefe Road; St. Andrew's West; Ontario K0C 2A0

February 2015



### Note: new location

#### Next S.V.A.R.C. Meeting

**Where:** St. John Ambulance Head Quarters

1001 Sydney St. - Unit #2 (Sydney St. between 10th and 11th St., across from Your Independent Grocer rear truck entrance on Sydney St. Use the front door marked "Training Entrance". This is the north end of the Cornwall Electric office building.)

**When:** February 25, 2015 at 7:30pm (coffee at 7pm)

**Guest Speaker:** Keith Poore VA3KPP Presentation on Broadband—Hamnet.

#### Seaway Valley Amateur Radio Club Local Repeaters

##### Cornwall Community Hospital McConnell Ave. site:

VE3SVC 147.180 + (110.9 Hz.), Analog FM, IRLP Node 2811, Autopatch is currently unavailable.

VE3VSW 444.800 + (110.9), Analog FM

VE3SVC 144.390 Simplex, APRS Packet AX.25 Digipeater (see www.aprs.fi)

VA3SDG 145.570 - D-STAR Band C

VA3SDG 444.450 + D-STAR Band B

##### Bonville Hwy. 138 Glentel site:

VE3MTA 443.650 + (110.9 Hz.) Analog FM, Asterisk All Star Net Node 2579, and Echo Link Node 463095 (VE3PGC-L)

##### Morrisburg site:

VE3SVR 146.760 - (110.9) Analog FM

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#### SVARC Executive for 2014—2015

**President:** Ed Halliwell (VE3FHI) [ed.halliwell@live.ca](mailto:ed.halliwell@live.ca)

**Vice President:** Doug Pearson (VE3HTR) [ve3htr@rac.ca](mailto:ve3htr@rac.ca)

**Secretary:** Joe Scott (VE3ADB) [jscott951@cogeco.ca](mailto:jscott951@cogeco.ca)

**Treasurer:** Elizabeth Halliwell(VE3EZH) [liz\\_halliwell@hotmail.com](mailto:liz_halliwell@hotmail.com)

**Technical Advisor:** Doug Pearson (VE3HTR)

**Club Membership:** Joe Scott / Elizabeth Halliwell

**SVARC Net Manager:** Elizabeth Halliwell

**Newsletter Editor / Publisher:** Jim Richardson (VE3AFV) [ve3afv@pppoe.ca](mailto:ve3afv@pppoe.ca)

**ARES Coordinator:** Earle DePass (VE3IMP) [earfran@cogeco.ca](mailto:earfran@cogeco.ca)



**THINK ABOUT JOINING  
RAC TODAY IF YOU  
ARE NOT ALREADY A  
MEMBER.**

**IT'S GOOD FOR YOU; GOOD FOR US (SVARC)  
AND GOOD FOR AMATEUR RADIO.**

**Item of Note:** Our main 2M VE3SVC repeater was failing and has been replaced by a Motorola R-1225 25-50W repeater, set to 32W output. It has no autopatch. (The only change on the repeater list is that VE3SVC is noted as "Autopatch Unavailable").

# Seaway Valley Amateur Radio Club (SVARC) Inc.

4672 O'Keefe Road  
St. Andrews West, On.  
K0C2A0



## Agenda

General (Monthly) Meeting  
Wednesday February 25, 2015

### New Location

**St. John Ambulance HQ**  
**Unit 2, 1001, Sydney St.**  
**Cornwall ON**

(Sydney St. between 10th and 11th St., across from Baxtrom's Your Independent Grocer rear truck entrance on Sydney St. Use the front door marked "Training Entrance".  
This is the north end of the Cornwall Electric office building.)

- 07:00 PM Soft drinks and socializing  
Please welcome the students of the new course  
07:30 PM Meeting starts / welcome - Ed Halliwell VE3EAH President

### Business Arising

Minutes of last meeting - Joe VE3ADB  
Treasurers Report - Elizabeth VE3EZH  
Net Controllers Report - Elizabeth VE3EZH  
Newsletter Report - Jim VE3AFV  
Miscellaneous Reports  
Repeater Report - Doug VE3HTR  
ARES Update  
Basic Amateur Radio Course

### New Business

Event Schedule for 2015  
18<sup>th</sup> Annual Iroquois Amateur Radio Group Flea Market April 4<sup>th</sup>  
Raisin River Canoe Race Tentative Date Announced Sunday April 19<sup>th</sup>  
CTC Bike a Thon Plus Date May 23<sup>rd</sup>  
Others  
Field Day 2015  
Other Items

### Guest Speaker

Keith Poore VA3KPP Presentation on Broadband-Hamnet

- 09:30 PM Adjournment  
Meeting ends.

### Date, time and place of next meeting:

Wednesday, March 25, 2015 at 07:30 PM, **St. John Ambulance HQ**  
Guest Speaker: To be announced

## **The President's Message February 2015**



Well if it was Wednesday, we would say this was 'hump day' and the week would be half over. I'm hoping that this is 'hump month' and that winter is half over, actually, I wish that it was really all over as do, I'm sure, most of you. Liz and I are in Kingston for the weekend and it has gone from being really cold, to way too much snow, 15 to 20cm yesterday and today back to really cold.

Our meeting last month was at the new venue, St. John Ambulance Headquarters on Sydney Street. Many thanks to Michele Brunette, Cynthia Bennett and Doug for arranging this alternate location. While we don't have internet access, there are flat panel tv's that we can use for presentations, easier access both from the parking area and all on the ground floor.

We start our Basic Amateur Radio Course next week and I have invited the students to attend the meetings. We'll also have them check in on Monday night nets when possible. It will give them a chance to meet other Hams in the Club and learn more about the activities of the Club and Amateur Radio. There are seven registered to take the course. It will run on Wednesday and alternate Monday evenings at the Red Cross building on Montreal Rd. till near the end of May.

Last month we mentioned upcoming events for this spring and early summer. Starting off on Saturday April 4<sup>th</sup> is the 18<sup>th</sup> annual Iroquois Flea Market, followed by the Raisin River Canoe Race tentatively set for Sunday April 19<sup>th</sup>. This is one of our most important events as we support St. John Ambulance and other agencies in providing communications for the event. On Saturday May the 23<sup>rd</sup>, I expect that we will be again asked to provide communications for the Children's Treatment Centre Bike-a-Thon Plus fund raiser. Please set those dates aside.

This year, Canada Day, July 1<sup>st</sup>, falls on a Wednesday. I'm not sure if that will help with the planning for Field Day which is the previous weekend. Last year, so many were involved with other activities as both Field Day and the long weekend coincided. This can be discussed at this and upcoming meetings. Else where in the Newsletter, there are photos from Field Day a 'few' years ago. If anyone remembers which one, let me know and I'll mark the photos.

Last year, we were approached at a late date to help out with the MS Bike Tour. I have not checked with their website, but perhaps if there is interest we could follow up with them and be better organized for this year. Also this fall, September 22<sup>nd</sup> thru 26<sup>th</sup> is the International Plowing Match and Rural Expo to be held just north of Finch in North Stormont. Earle is coordinating the site communications for this event and may be in position to give us a good presentation shortly about the scope of this event. They are expecting attendance for the event to exceed 50,000 people.

73

Ed (VE3EAH)



## SEAWAY VALLEY AMATEUR RADIO CLUB INC.

Minutes of January 28th 2015 Regular Membership Meeting  
Meeting held at 7:30PM  
In the St John Ambulance Headquarters  
Sydney Street Cornwall Ont.

**Present** – Joe VE3ADB, Ed VE3EAH, Elizabeth VE3EZH, Doug VE3HTR, Hal VE3HWG, John VE3XAM, Earle VE3IMP, Pauline Lalonde

**Opening** – Ed welcomed all and started the meeting at 7:30 pm.

Minutes of the last meeting were read by Joe

Motioned to accept Hal (HWG) seconded by John (XAM) Carried

### Reports

#### **Treasurers Report**

Treasurers Report – The club has one account but two different channels of revenue which are accounted for separately; the General purpose fund which has a balance \$908.45, and the repeater fund (allocated to repairs and maintenance of our various repeaters) which has a balance of \$960.01. Current paid membership is 28

#### **Monday Night Net**

Total check-ins for December were 53 for SVC and 41 for MTA  
Total check-ins for January were 46 for SVC and 33 For MTA

#### **Newsletter Report**

Ed on behalf of Jim our newsletter editor reported all was well on the newsletter front. Contributions are always welcome.

Doug mentioned that some corrections were required to the club info on the RAC site

#### **Technical Report**

Doug provided the membership present with updates and changes to the repeaters (see attached). He also discussed the Dstar and the linking capabilities and the protocols to link up and disconnect from the various stations

## **ARES**

All is quiet on the ARES front

### **Upcoming Events**

The Raisin River Canoe Race should be sometime in April we also have the CTC Bikeathon in May on the 23<sup>rd</sup>. That's the Saturday after the long weekend. Ed also would like to have a club event for Field day this year, more to follow at future meetings. A brief discussion was held regarding the International Plowing match and more information will be relayed to us *in the fullness of time*.

### **New Business**

Our first meeting of the New Year was held in our new venue, thanks to the efforts of Doug VE3HTR we have been able to secure the St. John Ambulance Board Room for our meetings. All agreed that this was a great place to meet and suits our needs very well

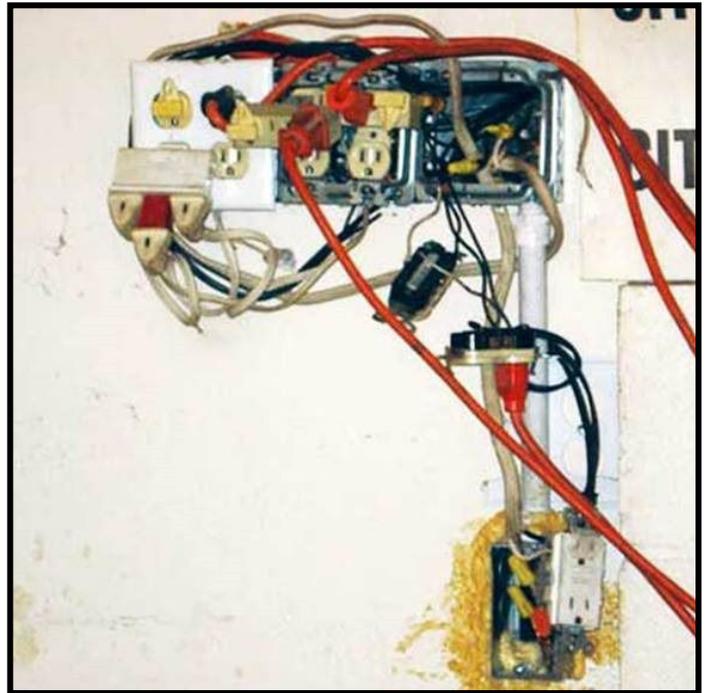
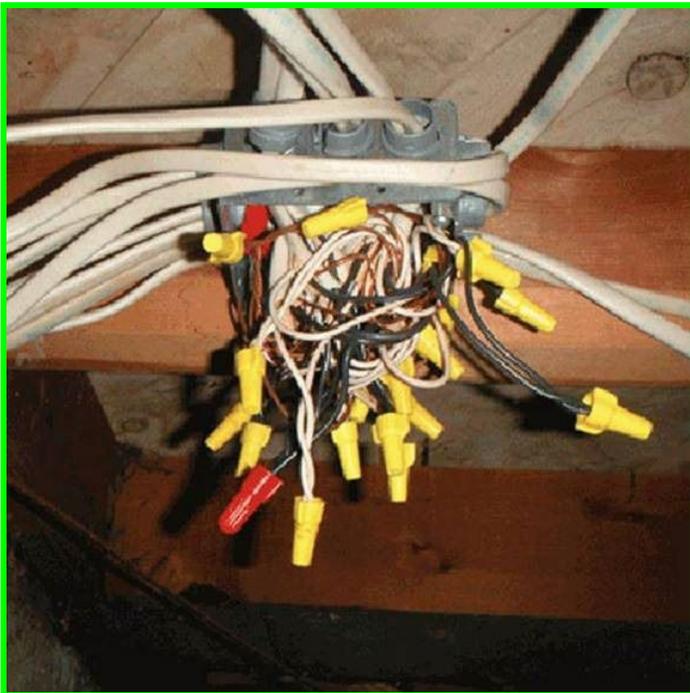
The Basic course is ago, Ed informed us that we have 7 candidates. It looks like the start date will be Feb 18 2015. The course outline and place of instruction will be forwarded to the prospective students and instructors.

Because of the small crowd the 50/50 draw was not held

Motion to adjourn at 9:30 by Joe VE3ADB Meeting adjourned

Next meeting will be on Wed February 25 in the St John Ambulance Building on Sydney street in Cornwall

Minutes recorded by Joe Scott VE3ADB



**Examples of wiring that are definitely NOT done by Hams**

## SVARC MONTHLY REPEATER STATUS REPORT – JANUARY 28<sup>th</sup> 2015

VE3SVC CORNWALL 147.180 +	<ul style="list-style-type: none"> <li>• <u>MCC GE MASTR Exec II repeater transmitter noise causing receiver desensitization, replaced with backup repeater, Motorola R-1225 @ 32W*</u></li> <li>• <u>Alinco DM-330MV Power Supply fan, failing, replaced temporarily with spare</u></li> <li>• <u>Autopatch, part of GE repeater controller, Unavailable until further notice*</u></li> <li>• <u>Backup Battery has failed, no battery backup until further notice</u></li> <li>• IRLP Node 2811 Decommissioned</li> </ul>
APRS CORNWALL 144.390	<ul style="list-style-type: none"> <li>• Range/coverage limited</li> <li>• See: <a href="http://www.aprs.fi">www.aprs.fi</a></li> </ul>
VE3VSW CORNWALL 444.800 +	<ul style="list-style-type: none"> <li>• Working well</li> <li>• Better in Cornwall for portables than VE3MTA</li> </ul>
VA3SDG D-STAR CORNWALL 145.570 – 444.450 +	<ul style="list-style-type: none"> <li>• Both VA3SDG-C (VHF) and VA3SDG-B (UHF) working well</li> <li>• <u>VA3SDG-C (VHF) 142.035 MHz. reject filter (cavity) inserted in receiver path</u></li> <li>• Reflector selection via DTMF and DPRS (<a href="http://www.aprs.fi">www.aprs.fi</a>) implemented</li> <li>• VA3SDG-C (VHF) normally connected to XRF018B for access to Ottawa D-STAR Community (VA3ODG, VA3AAR and Hotspots)</li> <li>• “#01802” to connect to XRF018B, “73” to Disconnect, “99” for Link Status*</li> </ul>
CCH REPEATER SITE IN GENERAL	<ul style="list-style-type: none"> <li>• Excess Heilax/coax coiled for future move results in unnecessary losses</li> <li>• Move from 7<sup>th</sup> floor HVAC Penthouse to 6<sup>th</sup> floor server room cancelled, CCH management is now proposing a partitioned room on 7<sup>th</sup> floor.</li> <li>• <u>7<sup>th</sup> floor Penthouse renovations appear to be completed</u></li> </ul>
VE3PGC BONVILLE 443.000 +	<ul style="list-style-type: none"> <li>• 443.000 MHz. + (110.9) <b>Decommissioned</b> in 2010 (replaced by VE3MTA)</li> </ul>
VE3MTA BONVILLE 443.650 +	<ul style="list-style-type: none"> <li>• Working well, Asterisk Allstar Net Node 2579, Echolink VE3PGC-L 463095</li> <li>• *32+Asterisk Allstar Net node number</li> <li>• *33+ Echolink node number (pad to 6 digits by prepending 0's)</li> <li>• *0=Disconnect Last, *71 = Master Disconnect, *80 = CWID, *81 = Say Time</li> </ul>
VE3SVR MORRISBURG 146.760 –	<ul style="list-style-type: none"> <li>• Working well</li> <li>• Low ERP due to excessive duplexer and feedline insertion loss</li> <li>• <u>Site inspection performed Feb. 06th</u></li> </ul>
VA3ESD MORRISBURG 443.150 +	<ul style="list-style-type: none"> <li>• Reduced coverage and unpredictable pattern due to poor antenna installation on South Dundas Municipal Building (former high school)</li> <li>• Working well despite antenna deficiencies</li> </ul>
VA3EDG DMR (MOTOTRBO) CORNWALL 442.100 +	<ul style="list-style-type: none"> <li>• 146.955 VHF analog FM <b>Decommissioned</b> in 2014</li> <li>• 442.100 UHF analog FM temporary Motorola R-1225 45W repeater*</li> <li>• 442.100 UHF DMR under construction</li> <li>• Site selection process ongoing</li> </ul>

*\* denotes a change from previous report*

## Cornwall Area Amateur VHF/UHF Repeaters

Call Sign	Transmit Frequency	Receive Frequency	CTCSS (TPL) Required	Location	Features and Status
VE3SVC-1 *	144.390	144.390	None – AX.25	Cornwall ON	APRS ( <a href="http://www.aprs.fi">www.aprs.fi</a> )
VE3YGM	145.170	144.570	None – CSQ	Cornwall ON	Low Power – Private
VE3IRO	145.290	144.690	100.0 (1Z)	Iroquois ON	
VE3OJE	145.370	144.770	None – CSQ	Moose Creek ON	Low Power
VA3SDG-C *	145.570	144.970	None – DSTAR	Cornwall ON	DPRS ( <a href="http://www.aprs.fi">www.aprs.fi</a> )
VE2REX	146.685	146.085	100.0 (1Z)	Covey Hill QC	
VE3SVR *	146.760	146.160	110.9 (2Z)	Morrisburg ON	ARES
VE2RWC	146.805	146.205	100.0 (1Z)	Brownsburg QC	Status Unknown
VE3IWJ	146.820	146.220	100.0 (1Z)	Brockville ON	
VE2CRA	146.940	146.340	100.0 (1Z)	Old Chelsea QC	
<del>VA3EDG</del>	<del>146.955</del>	<del>146.355</del>	<del>110.9 (2Z)</del>	<del>Cornwall ON</del>	Decommissioned
VA3NDC	146.970	146.370	100.0 (1Z)	Winchester ON	
VE2RM	147.000	146.400	None – CSQ	Mont-Rigaud QC	
NG2C	147.090	147.690	None – CSQ	Malone NY	
VE3SVC *	147.180	147.780	110.9 (2Z)	Cornwall ON	Autopatch unavailable
WB2RYB	147.225	147.825	None – CSQ	Malone NY	
VE2REH**	147.525**	145.670 **	131.8 (3B)	Lancaster ON	Linked to VE2REH UHF
VE2RM	224.980	223.380	None – CSQ	Mont-Rigaud QC	
VA3EDG	442.100	447.100	None – DMR	Cornwall ON	Under Construction
<del>VE3PGC</del>	<del>443.000</del>	<del>448.000</del>	<del>110.9 (2Z)</del>	<del>Bonville ON</del>	Decommissioned
VE3TYF	443.050	448.050	151.4 (5Z)	Moose Creek ON	Status Unknown
VA3ESD	443.150	448.150	110.9 (2Z)	Morrisburg ON	ARES
VE3MTA *	443.650	448.650	110.9 (2Z)	Bonville ON	AllStar 2579, EchoLink 463095 via VE3PGC-L
VE2REH	444.150	449.150	110.9 (2Z)	Lancaster ON	Linked to VE2REH VHF
VA3SDG-B *	444.450	449.450	None – DSTAR	Cornwall ON	DPRS ( <a href="http://www.aprs.fi">www.aprs.fi</a> )
NG2C	444.650	449.650	110.9 (2Z)	Malone NY	
VE3VSW *	444.800	449.800	110.9 (2Z)	Cornwall ON	ARES – Low Power
VE3AZX	445.850	445.850	None – DSTAR	Cornwall ON	Simplex DStar Hotspot
VA2REX-B	448.325	443.325	None – DSTAR	Covey Hill QC	
VE2CYH	449.825	444.825	None – DMR	Covey Hill QC	DMR Color Code 1

\* Operated or sponsored by Seaway Valley Amateur Radio Club and/or SD&G ARES

\*\* VE2REH VHF Lancaster uses a non-standard offset (Tx/Rx split) of –1.855 MHz.

All others use standard offsets of ± 600 KHz. (144), –1.600 MHz. (220) and ± 5.00 MHz. (440)

CSQ = Carrier Squelch, no CTCSS tone required. TPL = Tone Private Line (Motorola©)

**Seaway Valley Amateur Radio Club  
Amateur Radio Course 2015, Red Cross, Montreal Road, Cornwall, Ontario**

**Instructors**



Front (L-R): Earle DePass (VE3IMP), Hal Green (VE3HWG), Dave Kearley (VA3DKZ)  
Rear (L-R): Douglas Pearson (VE3HTR), Ed Halliwell (VE3EAH), Dave Holford (VE3HLU)

Absent: Stan Fortune (VE3JSF) Joe Scott (VE3ADB)

Photo courtesy of: Earle DePass (VE3IMP)

**Seaway Valley Amateur Radio Club  
Amateur Radio Course 2015, Red Cross, Montreal Road, Cornwall, Ontario**

**Participants**



Front (L-R): Marco Novy, Terry-lee Filion, Aline Brush, Brad Landreth  
Rear (L-R): Matthew Crites, Chris Lauzon, Chris Fagan

## VA3XPR moves to Canada's tallest building, blanketing Toronto with DMR coverage

Filed in DMR, MOTOTRBO, Repeaters by Don Trynor, VA3XFT on January 24, 2015

VA3XPR Toronto DMR ham radio First Canadian Place



*VA3XPR has moved to a new home in downtown Toronto at First Canadian Place (the white structure pictured to the left), which is Canada's tallest building. Photo credit: Swire Chin*

On January 24, 2015, the VA3XPR DMR repeater was relocated from its original home in the Toronto neighbourhood of St. Jamestown to a new home in downtown Toronto at First Canadian Place. At a height of 355 m (1,165 ft.) AGL, First Canadian Place is Canada's tallest building and a perfect vantage point to provide reliable DMR coverage to the entire greater Toronto area (GTA). At this location, the VA3XPR repeater joins a number of other ham radio repeaters, including three 70cm FM repeaters (VE3YYZ, VE3NIB and VE3WOO), three D-STAR repeaters (VE3YYZ on 2m, 70cm and 1.2 GHz), and a 70cm NXDN repeater (VE3YYZ) – all of which play an important role in providing reliable wide coverage area communications to the ham radio community throughout the GTA.

The installation of the VA3XPR DMR repeater was carried out by **Eric Meth, VE3EI**, Jon Rorke, VA3RQ and Don Trynor, VA3XFT – sponsor of the VA3XPR DMR repeater, and was completed within about 2.5 hours. In order to add VA3XPR to the existing infrastructure, additional ports on the shared transmitter combiner needed to be provisioned, which had the potential, if not done correctly, to impact the other ham radio systems at the site that share the same infrastructure.

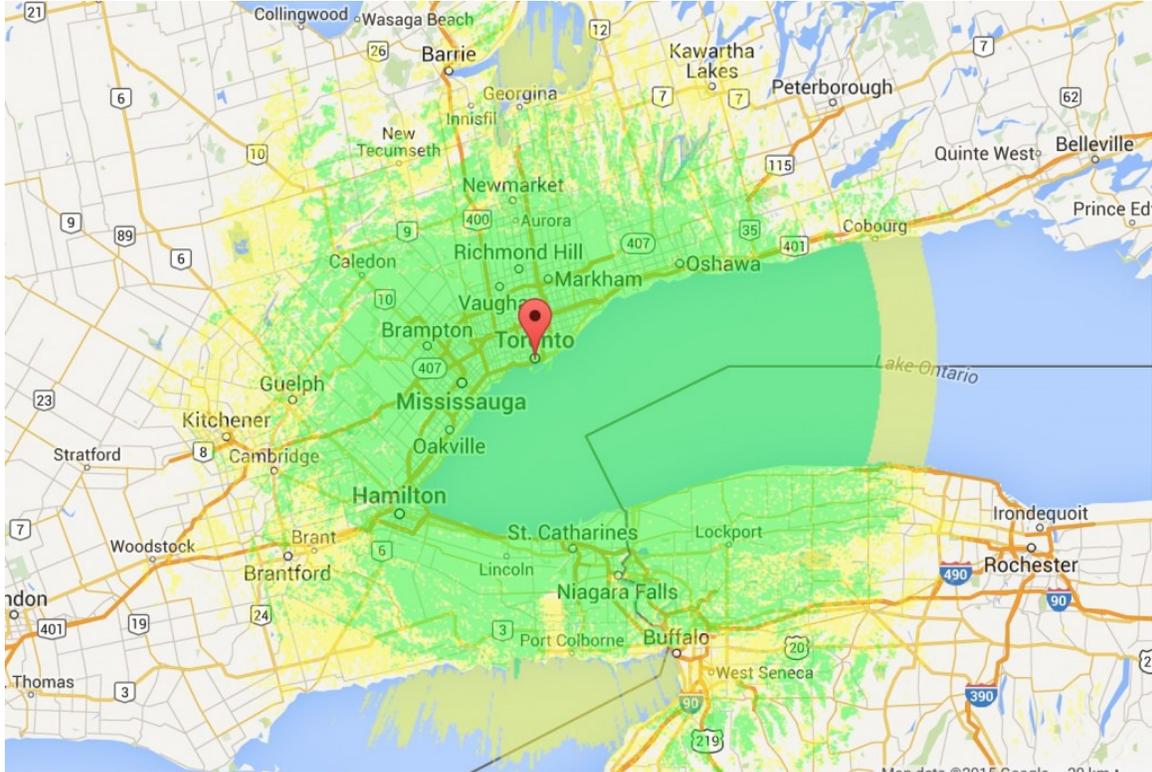
All of the UHF repeater systems at the site, including VA3XPR, use a single receive antenna on top of one of the broadcast towers that is fixed to the roof of the building and a separate transmit antenna, which is mounted at roof level approximately 30 m (100 ft.) below the receive antenna.



*VA3XPR VE3EI VA3RQ First Canadian Place TARTS Toronto Area Radio Telecommunications Society From the left, Eric Meth, VE3EI and Jon Rorke, VA3RQ, who helped make the installation of VA3XPR possible at its new home at First Canadian Place.*

“We’re delighted to have the VA3XPR DMR system join our group of ham radio repeater systems here at First Canadian Place.”, said **Eric, VE3EI** – spokesperson for the Toronto Area Radio Telecommunications Society (“TARTS”), which is the organization that manages the ham radio facilities at First Canadian Place. Eric, a longtime ham and veteran of the commercial mobile radio industry, operates four repeaters at the First Canadian Place location and is a huge advocate for digital ham radio modes.

"A good ham radio mode deserves a good location and with the phenomenal growth of DMR within the ham radio community, it was time that the greater Toronto area had reliable DMR coverage." added Jon, VA3RQ, also a fellow TARTS member and a longtime commercial mobile radio industry professional.



*VA3XPR Coverage Area Toronto DMR ham radio repeater. The coverage area of the VA3XPR DMR repeater from First Canadian Place. Green indicates strong signal areas and yellow indicates weak signal areas.*

From First Canadian Place, VA3XPR will now be able to provide reliable coverage around the greater Toronto area from Clarington to the east, Cambridge to the west, Barrie to the north and Buffalo, NY to the south, as outlined in the above coverage map. To see the new coverage in more detail, there is an interactive coverage map that can outline expected coverage to a more granular level.

A special thanks goes out to **Eric, VE3EI**, Jon, VA3RQ and the other members of the TARTS team for making this VA3XPR initiative possible.

For more information about DMR, check out the DMR page.

Don Trynor, VA3XFT



#### About the Author (Author Profile)

Being a licensed Canadian ham radio operator since 1988, Don is passionate about VHF/UHF repeater communications, especially using digital modes. He has owned and operated a number of ham radio repeater installations over the years, including ones in both the provinces of New Brunswick (VE9) and Ontario (VE3/VA3). Currently, he maintains two UHF Digital Mobile Radio (DMR) repeaters in downtown Toronto, Canada, operating under the call sign VA3XPR.

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.... A picture from one of our Foxhunts on which Earle didn't manage to find the 'Fox'.

# QUARTZFEST 2015 in Arizona

by Art Horovitch VE3AIH



Quartzfest is a hamfest that takes place every year in the desert of Arizona in mid-January and lasts a full week with varied activities. Besides ham radio, there are pot luck meals, chili cook-off, going “four-wheeling “ in the desert, seminars on cast iron cooking, and other activities for non- hams. The town of Quartzsite, population about 1500, is surrounded by federal land administered by the Bureau of Land Management. You can camp in selected areas for up to 14 days with a free permit, after which you must move at least 25 miles before returning to camp in the BLM area. Typically, there may be as many as a quarter of a

million campers in the area in Jan-Feb when the big RV show and rock/gem trade shows are in progress. Camping is generally dry camping, although the Long Term Visitor Areas have water spigots, a dumpster for garbage and occasionally pit toilets.

## Opening day at Quartzfest Jan 18.

At the fire ring: Gordo (Gordon West) gave a demonstration of a loop antenna which collapses down and fits into a bag. It has good receiving pickup in the plane of the antenna but not broadside. The disadvantage is you have to retune a capacitor at the base of the antenna every time you change frequency. Unless the antenna is close to the radio, it's very inconvenient to peak the signal. It's good for an emergency situation where you will probably be on one frequency for a long time.

Gordo asked how many have dual band H-T's. About  $\frac{3}{4}$  put up their hands.

Now how many have them with you? Again the same number.

He said we're going to check your H-T's and see how far you can throw them. What??? We're going to have a H-T tossing contest. I have a whole bunch of H-T's here and someone is going to get a prize. At that, he takes a big bag, turns it upside down and out comes about 20 H-T's, all old, old versions, obviously no longer working. Laughter all around. We're going to get you to see if you can toss these HT-s into a basket 25 yards away, NO make that 25 feet away and there will be prize for anyone who can do that,

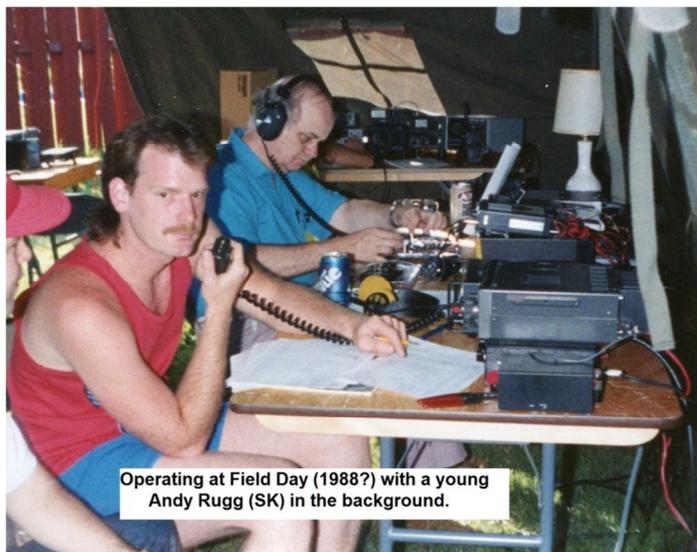
I walked around looking at antennas, lots of verticals, Butternut antennas, screwdrivers and fiberglass masts. There were several Hexbeams, looking like an inverted umbrella with lots of wires. Apparently they are quite good for the higher HF bands.

## January 20.

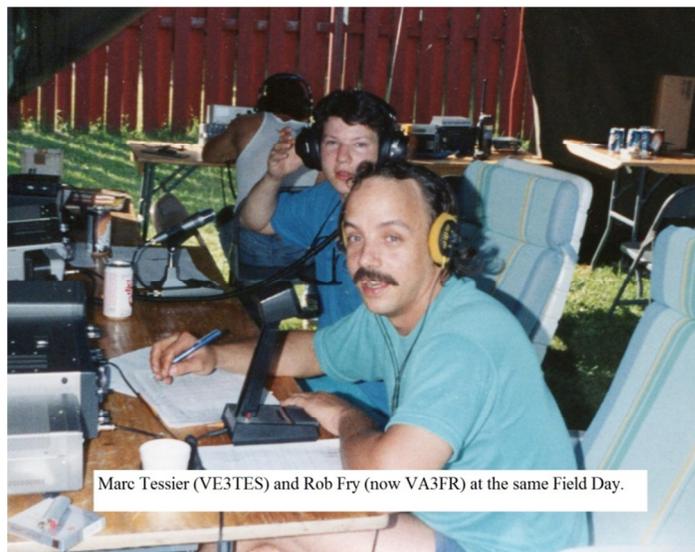
I pulled in to Quartzfest at the fire ring where they were doing a demo of cast iron cooking. They had something cooking over a fire and it smelled good. Next door at the special event station, someone was talking about “remote operation” of your station. This is where you set up your home station and then access it from a remote location by using the internet. The fellow was using his smart phone to call up his station about 150 miles away, then control the frequency, mode and power level. He could even pick which antenna he used and control the direction his beam was pointing in by rotating it. Pretty cool. Not something I am interested in yet. The two boxes that connect your radio to the internet and remote location run about \$500, If the internet connection is not good, you have problems. There have been reports of the Icom software for this system dropping out or even holding the remote transmitter in locked position. So it's a work in progress. I can see an application where I cannot set up my ham station where I live after I go off



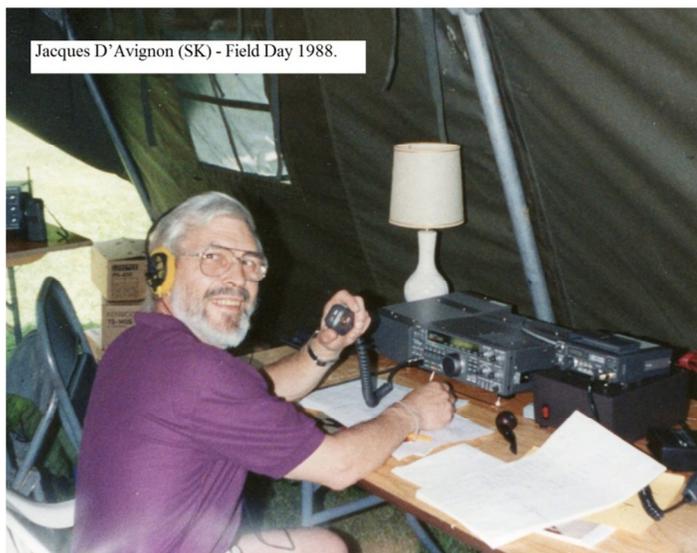
Ed Halliwell was rooting around and found a few interesting old photos. He wanted to share a few of them with you. Maybe a member or two can remember those pictured?



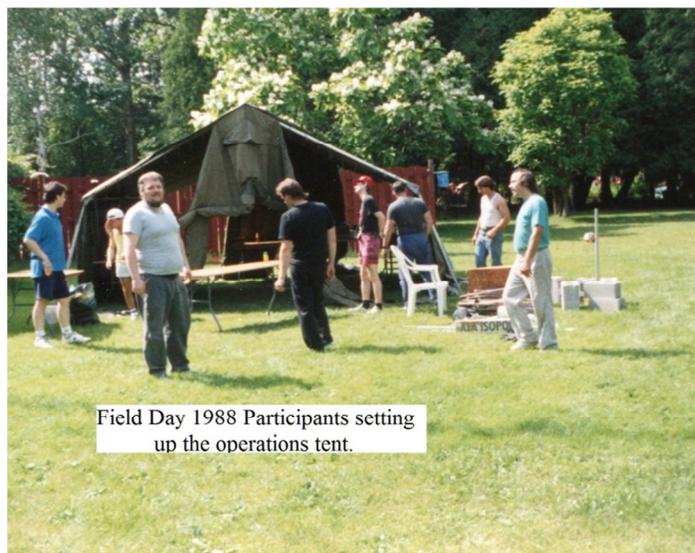
Operating at Field Day (1988?) with a young Andy Rugg (SK) in the background.



Marc Tessier (VE3TES) and Rob Fry (now VA3FR) at the same Field Day.



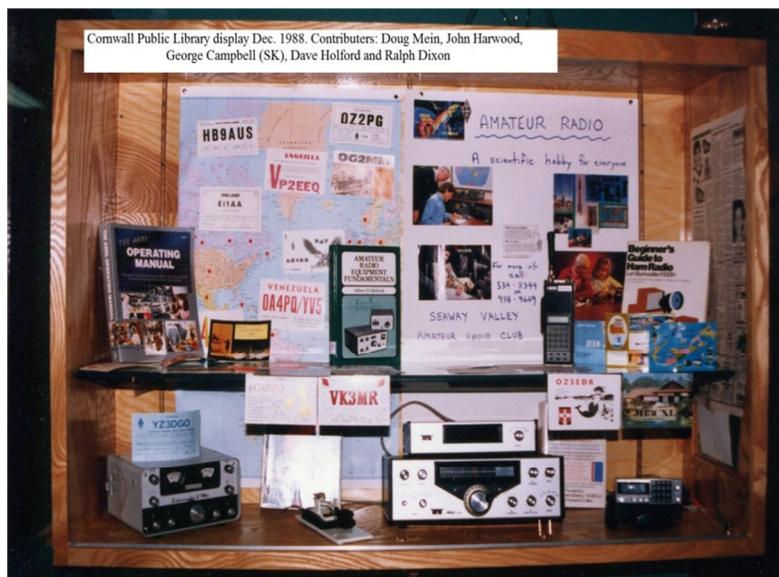
Jacques D'Avignon (SK) - Field Day 1988.



Field Day 1988 Participants setting up the operations tent.



Field Day Antenna Farm ( the Fry's backyard)



Cornwall Public Library display Dec. 1988. Contributors: Doug Mein, John Harwood, George Campbell (SK), Dave Holford and Ralph Dixon



**SEAWAY VALLEY AMATEUR RADIO CLUB (SVARC) INC.**  
**c/o 4672 O'Keefe Rd. St. Andrews W. On. K0C2A0**

**Website: [www.svarc.ca](http://www.svarc.ca)**

**Membership / Renewal Application - 2015**

**Name:** \_\_\_\_\_ **Callsign:** \_\_\_\_\_

**Address:** \_\_\_\_\_  
 Street (Line 1)  
 \_\_\_\_\_  
 Street (Line 2)  
 \_\_\_\_\_  
 City \_\_\_\_\_ Postal Code \_\_\_\_\_

**E-Mail address:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Interests:** \_\_\_\_\_

**Radio Amateurs of Canada Member:** Yes \_\_\_\_\_ No \_\_\_\_\_ **Membership Number:** \_\_\_\_\_

Please give us some suggestions as to what programs you would like to see in the SVARC:

\_\_\_\_\_

- Our monthly meetings take place at 7:30 PM on the last Wednesday of each month (excluding July and August) in the Warrant Officers and Sergeants Mess of the Cornwall Armory, 505 - 4<sup>th</sup> Street East, Cornwall, Ontario.
- Our weekly 2-Metre net takes place each Monday on VE3SVC (147.180+ MHz; CTCSS 110.9 Hz.) at 7:00 PM local time, followed by a 70CM net on VE3MTA (443.650+ MHz. CTCSS 110.9 Hz.)
- Our coffee klatch takes place on the 1<sup>st</sup>, -3<sup>rd</sup> (and sometimes 5<sup>th</sup>) Saturdays of each month at 09:00 AM. Location is currently: -Spinners Diner Pitt Street , Cornwall.

\*\*\*\*\* Annual Fee for new and returning members to the Seaway Valley Amateur Radio Club is 25.00 for 2015 (Pending Approval). Please bring your cheque /cash to our meeting on Sept. 24 2014 (please read the bulletin for explanation of Dues for this year)

Please mail your application/renewal form, membership fee and a small contribution (amount of your own choosing) for the Repeater Fund to: **Elizabeth Halliwell**, SVARC Treasurer at the address listed above.

*Your voluntary contribution (in any amount) to the Repeater Fund is used exclusively for the ongoing maintenance and upgrading of our VHF and UHF repeaters.*