

# Quinte 'QRM'

Newsletter of the Quinte Amateur Radio Club, Inc.  
546 Montrose Road, Belleville, Ontario K8R 1B3  
Web: [www.qarc.on.ca](http://www.qarc.on.ca) E-mail: [quinte.arc@gmail.com](mailto:quinte.arc@gmail.com)

## NOTICE OF MEETING:

- DATE / TIME:** Wednesday September 16 at **7:30 PM**
- LOCATION:** Zoom 'Virtual' Meeting. An email will be sent out on the day of the meeting with the appropriate log in information.
- PROGRAM:** Current status of the club. See 'Presidential Comments' on Page 5.

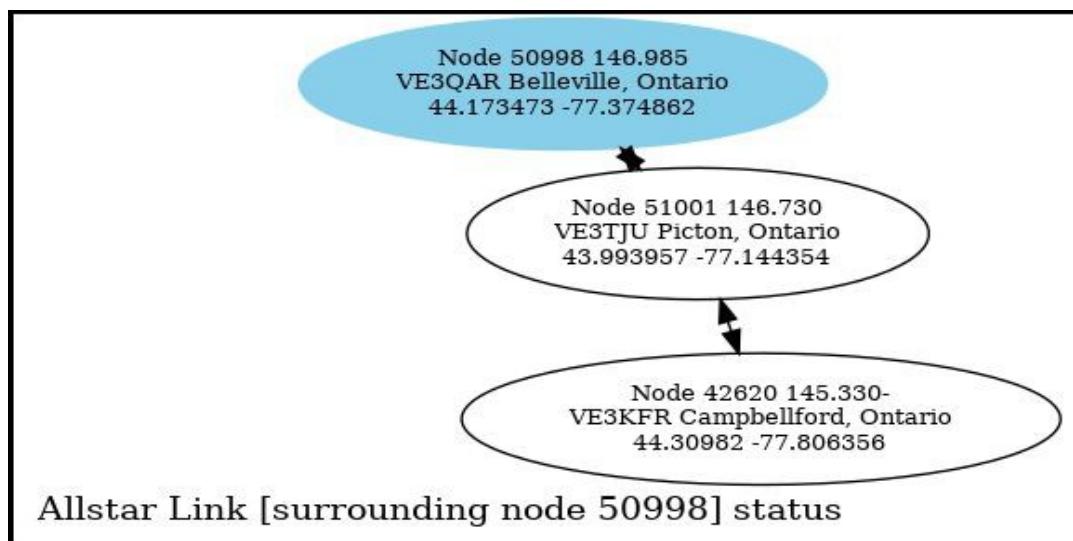
<b>VE3QAR Belleville:</b> 146.985 MHz (118.8 Hz) Allstar Node 50998	<b>VE3QAR:</b> 444.475 Mhz - Yaesu System FUSION (118.8 Hz) Node ID: 30589 Room ID: 40589
<b>VE3KFR Campbellford:</b> 145.33 MHz/442.9 (162.2 Hz) Allstar Node 42620	<b>Hams 'n Eggs:</b> Saturdays @ 8:00 AM Quinte Restaurant, 135 Cannifton Rd, Belleville
<b>Monthly Meetings:</b> 3rd Wednesday @ 7:00 PM Loyalist College (Pioneer Bldg) Room P13, Belleville	<del><b>Tri-County Breakfast Meetings:</b> Saturdays @ 10:00 AM Riverview Restaurant, 6 Front St N, Campbellford</del>
<b>Radio Amateurs of Canada (RAC)</b> <a href="http://www.rac.ca">www.rac.ca</a> 720 Belfast Road, Suite 217, Ottawa, ON K1G 0Z5 E-mail: <a href="mailto:rachq@rac.ca">rachq@rac.ca</a> Phone: 613-244-4367 or 1-877-273-8304	Innovation, Science and Economic Development Canada <b>Amateur Radio Service Centre</b> <a href="http://www.ic.gc.ca/callsign">www.ic.gc.ca/callsign</a> 2 Queen Street E, Sault Ste. Marie, ON P6A 1Y3 E-mail: <a href="mailto:ic.spectrumamateur-spectreamateur.ic@canada.ca">ic.spectrumamateur-spectreamateur.ic@canada.ca</a> Phone: 1-888-780-3333 Fax: 705-941-4607
QARC Members Group: <a href="https://qarc.groups.io/g/main">https://qarc.groups.io/g/main</a> - Post to the group: <a href="mailto:main@qarc.groups.io">main@qarc.groups.io</a>	

# QARC DIRECTORS 2020 - 2021

President	Dave Ackerman	VE3UGT	ve3ugt@rac.ca
Vice President	Mike Drake	VA3BKQ	va3bkq@rac.ca
Secretary	Bob Moore	VE3QWB	ve3qwb@rac.ca
Treasurer	Allan Twamley	VE3XQV	atwamley@oxpoint.ca
Director at Large	Pete Blakely	VA3PGB	blackgunpowder@yahoo.ca

## Appointed Positions:

Past President & 'QRM' Editor	Tim Pekkonen	VE3UO	ve3uo@rac.ca
Radio Communications	Peter Hodgson	VE3UR	ve3ur@rac.ca
Training Co-ordinator (Basic/Advanced)	Dennis Kinnear	VA3DWK	va3dwk@gmail.com
Webmaster <a href="http://www.qarc.on.ca">www.qarc.on.ca</a>	Chris Wiesner	VA3SM	va3sm@yahoo.ca
Refreshments	John Howieson	VA3JO	howieson.ca@gmail.com



<http://stats.allstarlink.org/getstatus.cgi?50998>

## Bay Bridge Net - Morning Edition 10:00 AM Daily

The Net held it's 161<sup>st</sup> daily net on September 1. There is now a roster of daily net controllers and a total of 85 hams have checked in to the Net at one point or another. Most days now the VE3RWN (145.15/444.975) and VE3RTY (147.165/443.375) are linked in as well. Cameron VE3GVG still holds the record of having checked into every net. Six other Hams have checked in 100+ times.

The Net originates on VE3TJU 146.73 MHz, and is linked via AllStar to VE3QAR 146.985 and VE3KFR 145.33, and other repeaters from time to time. Hang around and join the conversation, or just check in and out. This is an informal gathering of hams on the air.

## QARC Members Group - Groups.io

The QARC Groups.io was formed so that club members can keep in touch, ask questions related to ham radio and be up to date on the latest club news and items of interest to Amateurs. A little over a month ago a note was sent out to those club members who were not subscribed inviting them to become part of the group. Since then we have picked up 14 new subscribers for a total of 59 members of the group. But there are still a few we would like to see join. If you have any questions regarding the group, please contact Tim VE3UO [ve3uo@rac.ca](mailto:ve3uo@rac.ca)

If you are a club member, but not on the IO group, please visit: <https://qarc.groups.io/g/main> .

You can subscribe by clicking on the 'subscribe' link at the bottom of the page, or send a blank email to: [main+subscribe@qarc.groups.io](mailto:main+subscribe@qarc.groups.io)

Once approved you can post messages to the group at: [main@qarc.groups.io](mailto:main@qarc.groups.io)

The Group address and post message email address is at the bottom of page 1 of every issue of the QRM newsletter.

# Field Day - June 27 & 28, 2020

The following members operated from their home stations and submitted their logs to ARRL . Complete results will be in the December issue of *QST* magazine.

VA3EP	Complete	Quinte & Prince Edward Radio Clubs	1E	ONE
VA3NGE	Complete	Quinte & Prince Edward Radio Clubs	1D	ONE
VE3FZ	Complete	Quinte & Prince Edward Radio Clubs	1D	ONE
VE3IEM	Complete	Quinte & Prince Edward Radio Clubs	1D	ONE
VE3OX	Complete	Quinte & Prince Edward Radio Clubs	1D	ONE
VE3UGT	Complete	Quinte & Prince Edward Radio Clubs	1D	ONE
VE3UO	Complete	Quinte & Prince Edward Radio Clubs	1D	ONE

These were the temporary rule waivers (below) for this year's Field Day. Obviously at this point in time it is unknown what format next year's FD will take. Field Day is always on the 4<sup>th</sup> FULL weekend in June. Next year's dates are **June 26 & 27, 2021**.

For Field Day 2020 only, Class D stations may work all other Field Day stations, including other Class D stations, for points.

Field Day rule 4.6 defines Class D stations as "Home stations," including stations operating from permanent or licensed station locations using commercial power. Class D stations ordinarily may only count contacts made with Class A, B, C, E, and F Field Day stations, but the temporary rule waiver for 2020 allows Class D stations to count contacts with other Class D stations for QSO credit.

In addition, for 2020 only, an aggregate club score will be published, which will be the sum of all individual entries indicating a specific club (similar to the aggregate score totals used in ARRL affiliated club competitions).

Ordinarily, club names are only published in the results for Class A and Class F entries, but the temporary rule waiver for 2020 allows participants from any Class to optionally include a single club name with their submitted results following Field Day.

For example, if Podunk Hollow Radio Club members Becky, W1BXY, and Hiram, W1AW, both participate in 2020 Field Day – Hiram from his Class D home station, and Becky from her Class C mobile station – both can include the radio club's name when reporting their individual results. The published results listing will include individual scores for Hiram and Becky, plus a combined score for all entries identified as Podunk Hollow Radio Club.

See: <http://www.arrl.org/temporary-rule-waivers-for-arrrl-field-day-2020>

## Presidential Comments

I wish I were writing this to welcome everyone to our first meeting of our year at Loyalist College. The earliest that might be is January. We are planning on holding Zoom meetings on 3rd Wednesday of each month. We have split the cost of a paid zoom account with the Prince Edward Radio Club. The annual cost is \$113 for each club. It has been suggested that when we resume face to face meetings we continue with Zoom for those who cannot get to the meeting. Hopefully we get a chance to try it before this years subscription runs out.

If you have anything you would like added to the agenda or just a topic for discussion send it to me. [dackerman13@gmail.com](mailto:dackerman13@gmail.com) Please mute your microphone until you want to talk. Using PTT shouldn't be hard for us to do. Last meeting most didn't and the background noise made it hard for most to hear. A zoom invitation will be sent out the day before. If you don't see anything email me and I will send it directly.

The morning net is still going strong. We are there every morning at 10AM. Check in and say hello. There are usually some interesting topics discussed. No need to wear a mask with this get together.

73, Dave VE3UGT - President, QARC [ve3ugt@rac.ca](mailto:ve3ugt@rac.ca)

## Breaking News !! Six Meter Net

Clayton VE3IVE is planning to start a 6m net. The net is planned to run nightly 8:00 PM on 53.000 Mhz (FM) simplex but the time and frequency may change. If you have six meters plan on giving it a try.

## The Little Net That Grew And Grew

The southern part of central eastern Ontario from Brighton to Napanee up to Highway 7 is generally known as the Quinte region. It has a lot of real estate and relatively few amateurs. There are a number of vhf and uhf repeaters serving the area. A major one is VE3TJU, located on a former airbase high above Picton. This machine has a wide coverage throughout almost all the region. There are two clubs in the area - The Quinte amateur radio club (QARC) in Belleville and The Prince Edward County radio club (PERC). Many of the local amateurs belong to both and many club events, such as field day are done jointly. The region is shown in Figure 1



Figure 1 Quinte Region (Google Maps)

About 20 years ago, the clubs decided to establish a weekly net on VE3TJU every Tuesday evening. The net was named the Bay Bridge Net denoting the Norris Whitney bridge connecting Hastings and Prince Edward Counties. It has carried on continuously throughout that time albeit with decreasing participation as the numbers of operators has dwindled over the years. From 12 or 15 check-ins at the beginning, it dropped to as low as 3 or 4 some evenings. As well, repeater usage generally dropped off over the period, again due to fewer amateurs, the availability of better cell service and other reasons. Even with TJU's wide coverage, stations with limited power and antennas far from the repeater could not get in.

So the clubs decided it would be a great idea to link their three major repeaters in the region and environs - VE3TJU, VE3QAR in Belleville and VE3KFR in Campbellford to encourage more activity and provide better service. The initial idea was to use a number of dedicated uhf links for connectivity but this proved difficult due to cost, antenna requirements and other reasons. Along came Allstar which is a repeater linking system using codes inputted with DTMF tones. Fortunately all three machines had internet access and a team set about linking them up.

Many amateurs contributed to the project and are too numerous to mention individually, however Will Olendy VA3JWO particularly played a key role with his Allstar and Internet networking expertise.

The first expanded Bay Bridge net started in late February and participation immediately went up to 15 or 20 check-ins. General use of the inter-connected repeaters also grew.. Figure 2 shows the core nodes.

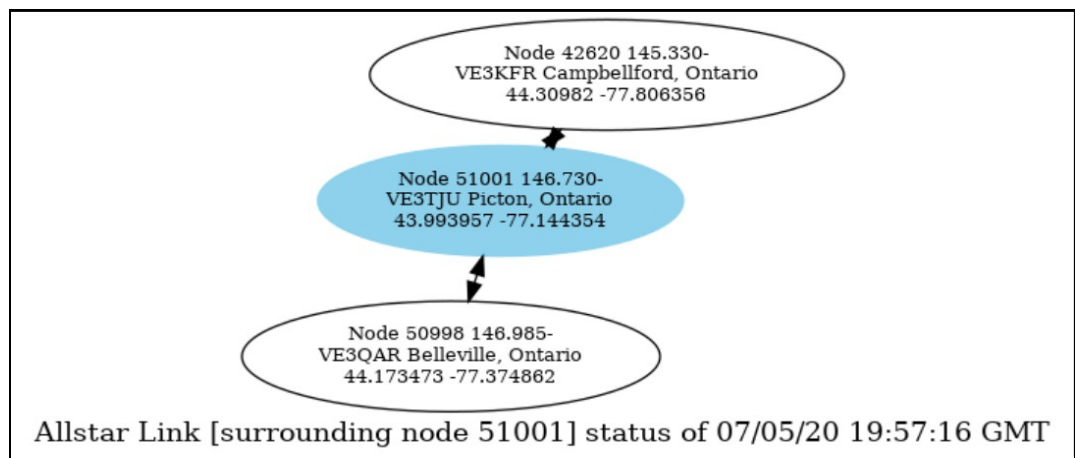


Figure 2 Core Repeaters - from <http://stats.allstarlink.org/>

The network has continued to grow. A number of other repeaters and repeater networks in the region such as VE3RWN Cobourg and VE3RTY Colborne on various vhf/uhf frequencies and including one on 50 mhz connect to the core network to access the various nets and expand their coverage. A number of individual stations come in with phone apps and other methods of getting into the Allstar system with various computer interfaces.

Then COVID-19 happened along with the lockdown. Matthew Dwight, VE3FL suggested that we establish a “temporary” daily net at 10 AM local time every day - “the Morning Edition” and offered to be net control. The net had its 100<sup>th</sup> session on July 2, 2020. One participant, Cam, VE3GVG has checked in every single day. 60 stations have participated with between 15 and 24 check-ins daily, often ranging from Peterborough to Kingston. Now that it has become a way of daily life, a schedule of 7 controllers has been set up, one for each day of the week. The conversations range from beekeeping to contesting to propagation along with the typical Canadian penchant for analyzing the weather in fine detail.

A confluence of events often makes things happen. In this case a need for better communications ability along with the availability of Allstar and the social connection requirement caused by the pandemic have resulted in a powerful tool that will serve the amateurs of the Quinte region well past the time the COVID-19 event is history.

Al Law VE3FZ  
July 30, 2020

*(Re-printed with permission. This article also appears in the September-October 2020 edition of The Canadian Amateur magazine.)*

# QARC Financial

As of August 31, 2020.

	<u>Jul - Aug 20</u>		<u>Aug 31, 20</u>
Ordinary Income/Expense		<b>ASSETS</b>	
Income		Current Assets	
Contribution To Club	20	Chequing/Savings	
Dues	1,430	Chequing - BMO	5,950
Radio Courses Income	<u>30</u>	Petty Cash	<u>101</u>
Total Income	1,480	Total Chequing/Savings	6,051
Cost of Goods Sold		Accounts Receivable	
Cost of Goods Sold	<u>27</u>	Accounts Receivable	<u>870</u>
Total COGS	<u>27</u>	Total Accounts Receivable	870
Gross Profit	1,453	Other Current Assets	
Expense		Inventory Asset	650
Donations	<u>50</u>	Over/Short	34
Total Expense	<u>50</u>	Undeposited Funds	<u>110</u>
Net Ordinary Income	<u>1,403</u>	Total Other Current Assets	<u>794</u>
Net Income	<u><u>1,403</u></u>	Total Current Assets	7,715
		Fixed Assets	
		Club Equipment	<u>205</u>
		Total Fixed Assets	<u>205</u>
		<b>TOTAL ASSETS</b>	<u><u>7,920</u></u>
		<b>LIABILITIES &amp; EQUITY</b>	
		Liabilities	
		Current Liabilities	
		Other Current Liabilities	
		Prepaid Dues	
		PPD 21/22	<u>20</u>
		Total Prepaid Dues	20
		TCARC Merger Funds	<u>1,393</u>
		Total Other Current Liabilities	<u>1,413</u>
		Total Current Liabilities	<u>1,413</u>
		Total Liabilities	1,413
		Equity	
		Opening Balance Equity	5,553
		Retained Earnings	-450
		Net Income	<u>1,403</u>
		Total Equity	<u>6,506</u>
		<b>TOTAL LIABILITIES &amp; EQUITY</b>	<u><u>7,919</u></u>