

Quinte 'QRM'

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

NOTICE OF MEETING:

DATE / TIME: Wednesday, March 18, 2020 @ 7:00 PM

LOCATION: Loyalist College (Pioneer Building), Room P13
284B Wallbridge-Loyalist Rd, Belleville

PROGRAM: An Intro to the AllStar Linking system presented by Will Olendy VA3JWO. VE3QAR, VE3TJU & VE3KFR repeaters are now linked together via AllStar.

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

QARC DIRECTORS 2019 - 2020

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 www.qarc.on.ca	Chris Wiesner	VA3SM	va3sm@yahoo.ca
Refreshments	John Howieson	VA3JO	howieson.ca@gmail.com

Basic Radio Course & Training Update

The Basic Course is now underway with six students registered.

There is a new Training Coordinator - if you're looking for information about where & when courses will be held contact **Dennis Kinnear VA3DWK** va3dwk@gmail.com . **Eric Pierce VA3EP** (pierce.eric@gmail.com) has stepped back from this post but remains available as an Industry Canada Accredited examiner, and a training resource. There are also two other Accredited examiners in the club -

Pete Blakely **VA3PGB** blackgunpowder@yahoo.ca

Doug Monk **VE3ZDG** dmonk@kos.com

MINUTES OF QARC MEETING 19 February 2020

President Dave VE3UGT called the meeting to order at 7pm.

Executive present: Directors President Dave Ackerman VE3UGT, Vice-President Mike Drake VA3BKQ, Secretary Bob Moore VE3QWB, Treasurer Allan Twamley VE3XQV & Director (At Large) Pete Blakely VA3PGB. Members & Guests present: 37

Welcome to Visitors & Guests: Ron Mason VE3GAB who used to be a member 25 years ago, has moved back to the area, he has rigs but does not have any antenna or feed lines yet. Back then he designed and built a kit plane. Our Guest Speaker's Chadwick's wife Cheynne who has been here before.

Silent Keys Eric Gebhardt VA3EG. Passed away February 13. A long time member of QARC and both the CFB Trenton military club and the Quinte West club that run for a few years after. He was also the Chief Warrant officer at the base and avid model airplane flyer.

Doug Leach, VE3XK, became a Silent Key on January 15, 2020. Doug served as the RAC First Vice-President in 1997-98 and was the RAC Director for the Ontario North Region from 2001 to 2004. Doug also was the author and editor of several RAC publications.

We observed a moment of silence for these two gentlemen.

MOTION to accept January Minutes as published in Newsletter. MOTION BY Allan VE3XQV SECOND BY Mike VA3BKQ Carried

Treasurer's Report: No changes since published in this month's 'QRM', except the \$25 memorial donation in memory of Eric VA3EG.

Radio Course Update: The Basic course started last evening, there are 7 students taking the Basic course Tuesdays and Thursdays 7-9pm at the Childrens Village behind the Belleville City Police station. Exam night will be early April. Mike VE3OX informed us that Eric VA3EP has had to step down from training. Dennis VA3DWK, who passed the course last April, has stepped up to replace Eric. Mike also said anyone who wants to go and sit in on the classes is welcome to do so.

Dave VE3UGT mentioned: an email that probably a lot of us received, letting us know the **Amateur Radio operators in Ontario** now have a **permanent exemption** and can drive vehicles and talk on a radio, as long as it is not " hand held ", like a mobile unit attached to the vehicle and using a microphone.

There is a box full of stuff here that Attila VE3KAS brought in, free for the taking.

Today the **Allstar** connection was installed at VE3TJU in Picton, it went well without some of the problems while installing at VE3QAR in Belleville. There is an issue with the Internet connection for QAR so it is not working perfectly, but right now TJU and QAR are linked. Will VA3JWO said tonight VE3KFR in Campbellford will also be connected. There was applause for those who did the linking work, thanks guys.

Minutes Feb Meeting

The Repeater link project is up and running with Allstar working on QAR and TJU and VE3KFR Campbellford will be added tonight. Will is keeping within the budget allocated to it and will give a presentation on the Allstar system at the next meeting. <https://www.allstarlink.org/>

Our **April** meeting will be "Show & Tell", bring in any of your projects or equipment that you would like to show to the rest of us. The **May** meeting will be our elections, but that won't take long, so we would still have time for a presentation that night. In **June** we will be having our Trunk Sale.

Field Day: Matthew Batten-VE3ZQW of the Quinte Sea Cadets says they are interested in amateur radio. Matthew said their building is on South Front St Belleville, the second building south of the Boathouse Restaurant, they have a station set up there, but there is not much room. There are several events that they could participate in and they are interested in Field Day. They could come out and we could maybe have a GOTA station and they could use the other radios too as 7 or 8 of them are already certified Amateurs. Probably the best thing would be to stay at the car club this year and help them get involved. In September the Cadets have a camp on Big Island that about 60 cadets attend. We could set up a station to get them on the air and possibly have a fox hunt. The Cadets also have an event on June 6, maybe mostly in the States, Museum Ships on the air. However, you have to operate from a ship, or if you can't board it, be beside it, or where there is a ship memorial. There is a memorial plaque in Presqu'île Park for the sunken ship Speedy. See [https://en.wikipedia.org/wiki/HMS_Speedy_\(1798\)](https://en.wikipedia.org/wiki/HMS_Speedy_(1798))

Greg Denyes VE3FOD contacted us about **Winter Field Day**, it's too late for this year, it is next weekend, but we could plan for next year. It is a 24 hour event. There are a few locations being looked at, if anyone has suggestions or want to participate next year, contact Greg.

There was not enough interest in **Fox Hunts** last year. If there is interest for this year, it doesn't have to be in May, but summer months in PE County are busy with tourists. We can decide next month if enough people want to give it a try.

Eliza Deary, Chair person of the Central Hastings Historical Society contacted us, she is looking for a presenter who could cover local communications history for a presentation for **Central Hastings Historical Society**. Fairly free format, with wider history tying into local telegraph, radio, telecommunication etc, so long as it includes relative locality of Eastern Ontario. Looking for a presentation of between 20 - 40 minutes. She is hoping one of our members would want to take on this presentation, with a presentation date of **Thursday, April 9**, or **Thursday, May 14th, 2020**, at Madoc Public Library, downstairs hall, 7pm. They have a projector and PA system available and will also have on display Madoc's first television set, a neat set up made from WWII radar equipment.

Allan VE3XQV informed us we have **two new club members** here, Allan VA3ALS and Patricia VA3YTT Sukha, also Cameron Hall VE3GVG/VE3YUM.

Mike VE3OX informed us of a 160m SSB contest this weekend.

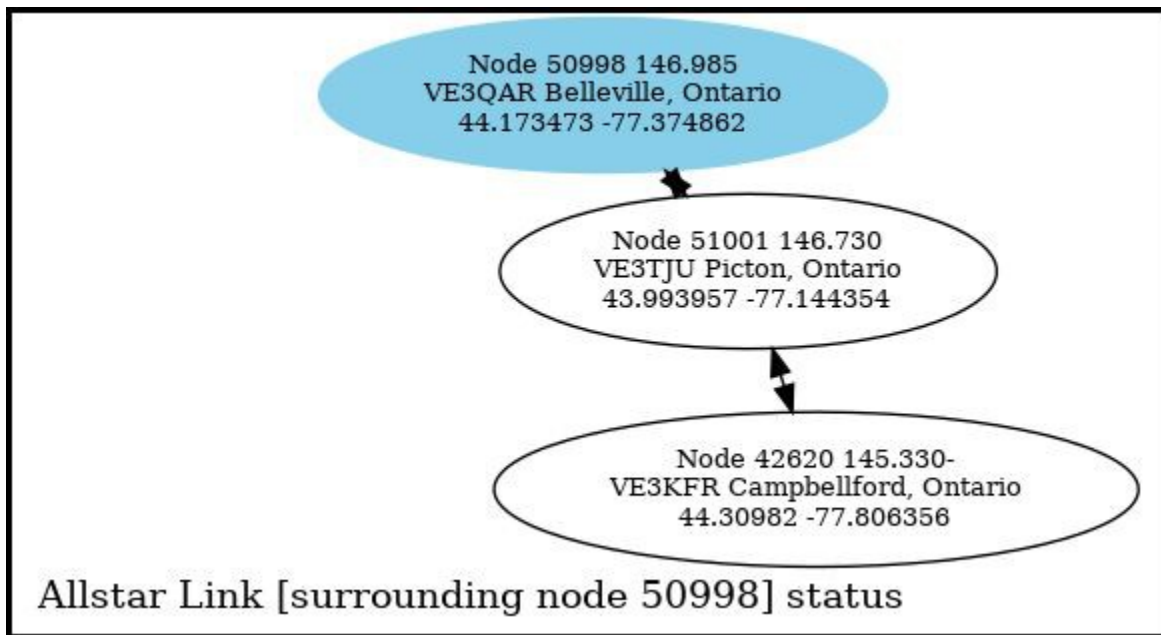
Break & 50/50 Draw - Thanks John VA3JO for the drinks and snacks. The 50/50 draw was won by Mike VA3BKQ who took home \$32.55

Minutes Feb Meeting

The silent auction on the hardly used **Yaesu Tri Band VX-7R** hand held rig that was donated to QARC by former member Joe Thibedeau VE3LVT (ex.VE3FZZ) of home made concrete sailboat fame, The successful bidder was Brian VE3GI.

After the break, **Chadwick Marsh VA3WCK** gave his interesting and informative presentation " **3D printers** and why I got into them " and showed us the 3D printer he built. Thanks Chadwick.

Next meeting on Wed. March 18, 7pm. Minutes taken by Secretary Bob Moore VE3QWB.



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

Distracted Driving in Canada: Ontario update

Links to Regulations in Canada updated February 23, 2020

Richard Ferch, VE3KI RAC Regulatory Affairs Officer

In light of the recent decision by the Ontario Ministry of Transportation to make permanent the exemption for two-way radios for commercial drivers and Amateur Radio operators, we have reviewed the regulations in Canada and, to the best of our knowledge, the exemptions in all other provinces and territories are “permanent” (i.e., with no defined end date).

The one exception is Nunavut, where there is apparently no exemption - although the text of the exemption in some other cases may be somewhat ambiguous and open to interpretation.

These regulations are made and enforced by Provincial and Territorial governments and can vary considerably from province/territory to province/territory and over time and are subject to change.

For immediate release:

Distracted driving regulations continue to be an area of interest for many Canadian Radio Amateurs.

These regulations are made and enforced by provincial governments and can vary considerably from province to province and over time.

In Ontario, RAC Directors **Allan Boyd, VE3AJB** (Ontario North/East) and **Phil McBride, VA3QR** (Ontario South) have been working hard on this issue.

We are pleased to announce that effective **February 14, 2020**, the Ontario Ministry of Transportation has “made permanent the exemption under Ontario Regulation 366/09 (Display Screens and Hand-Held Devices) of the Highway Traffic Act for hand-held two-way radios for commercial drivers and Amateur Radio operators.”

Section 13(1) of the Ontario regulation states:

(1) Drivers who hold a valid radio operator certificate issued under the Radiocommunication Act (Canada) may drive a motor vehicle on a highway while holding or using a two-way radio.

The regulation is available online at: <https://www.ontario.ca/laws/regulation/090366>

The official publication of the amendment to the regulations is also available online at:

<https://www.ontario.ca/laws/regulation/r20018>

The key item mentioned in the amendment is as follows:

5. Subsection 13(2) of the Regulation is revoked.”

This indicates that the former subsection 13(2), which was the previous time limit which was set on the exemption for the handheld use of two-way radios has been removed.

Distracted Driving in Canada: Ontario update

Amendment: <https://www.ontario.ca/laws/regulation/r20018>

Regulation: <https://www.ontario.ca/laws/regulation/090366>

For more information about Distracted Driving Regulations in Canada please visit the RAC Distracted Driving webpage - <https://www.rac.ca/distracted-driving/>

Looking For Presenter - Central Hastings Historical Society

From: Central Hastings <centralhastingshistorical@gmail.com>
Date: February 13, 2020 at 7:47:56 PM EST
Subject: A Presentation of local communications history

Dear Dave,

I am looking for a presenter who could cover local communications history for a presentation for Central Hastings Historical Society. Fairly free format, with wider history tying into local - telegraph, radio, telecommunication etc. Free format, so long as it includes relative locality of Eastern Ontario. Looking for between 20 - 40 minutes.

I was hoping one of your members would want to take on this presentation, with a presentation date of **Thursday, April 9, 2020**, or **Thursday, May 14th, 2020**. At Madoc Public Library, downstairs hall, 7:00 pm. We have a projector and PA system available. We will also have on display Madoc's first television set, a neat set up made from WWII radar equipment.

Could you please forward this to the radio newsletter?

Thank you for your consideration,

Eliza Deary, Chair, Central Hastings Historical Society

Yaesu VX-7R Donation to Club

The successful bidder for the VX-7R at last month's meeting was **Brian Smith VE3GI**.

Thanks to **Joe Thibedeau VE3LVT** who donated the Handie Talkie to the club.

More Info: <https://tinyurl.com/VX7R-HT>



AllStar User Guide (submitted by Will VA3JWO)

Allstar uses DTMF commands and node numbers to link things together, similar to older Repeater controllers. Repeaters and simplex nodes are each given individually a node number upon the user requesting one from the Asterisk Allstar website. For example TJU was given node number of 51001 and QAR was given 50998. Each node can be a repeater, private user or a simplex radio where the user would talk into the frequency of the simplex radio and it goes out over the net to whichever node the user has connected to. The node numbers started counting up from 2000 several years ago.

For a user to connect or disconnect a node number to the repeater or simplex node they are using, the protocol is: DTMF (*X)(Node Number to connect or disconnect) (where X is the command number enlisted below). Don't leave too much of a pause between the *X and the node number or the controller will autoreset.

The commands of interest to us are:

(*1)(node number) - Disconnect a specific node/repeater from the node/repeater your transmitting into.

(*2)(node number) - Monitor only a specific node with no transmit capabilities over the net. This is useful if you want to listen to a net somewhere on another repeater anywhere and only wish to listen to the traffic thats going on on that node you connected to. Local comms will not go out over the air.

(*3)(node number) - Connect command, this is used to connect any node of choice to your repeater/simplex node. for example if i wanted to connect QAR to TJU if they are both disconnected from each other, the DTMF sequence input to QAR repeater would be the following: (*3)(51001) all in DTMF, and if successful connection, once the user unkeys his mic following the input of DTMF, the controller will announce the local repeater node number (in this example 50998) is connected to the remote node you dialed in (51001). you cant break anything so give it a try.

<http://stats.allstarlink.org/> - This you can check the status of ALL Allstar links that are registered currently on the system and online. You will also see HUBS which are virtual computers that can handle hundreds of Allstar nodes connected to it for a virtual cross connection between many repeater sites. https://wiki.allstarlink.org/wiki/Main_Page

Some node numbers of interest in our network:

50998 - VE3QAR Belleville 146.985

51001 - VE3TJU Picton 146.730

42620 - VE3KFR 145.330 Campbellford

50693 - VE3RNU Tweed 145.370

49993 - VA3JWO 442.300 Ivanhoe

49994 - VA3JWO 927.2125 simplex Ivanhoe (Madoc)

45937 - VE3RTY 147.165 Colborne

45938 - VE3RTY 443.375 Colborne (Sean VA3HD)

2020 Hamfests & Fleamarkets

- Saturday March 28 - Ham-Ex 2020, Brampton Fairgrounds, ON
<http://www.ham-ex.ca/>
- Saturday April 4 - Iroquois Amateur Radio Club Fleamarket
<http://www.iroquoisarc.ca/>
- Saturday April 11 - Montreal Amateur Radio Club Fleamarket *(to be confirmed)*
<https://www.marc.ca/fest/fest.html>
- Saturday April 25 - Durham Region Hamfest, Pickering ON
<https://www.durhamhamfest.com/>
- Saturday May 9 - 36th Annual Smiths Falls Fleamarket
https://secure.eton.ca/rac/events/detail.php?event_ID=2066
- May 15-16-17, 2020 Hamvention® 2020 - Greene County Fairgrounds, Xenia, OH
<http://hamvention.org/>
(<http://www.greenecountyfairgrounds.com/hamvention>)
- Sunday June 7 - Central Ontario Hamfest & Fleamarket, Cambridge, ON
https://secure.eton.ca/rac/events/detail.php?event_ID=2074
- Saturday June 20 - Hamilton ARC 'Tailgate Treasures' - Summer Swap, Hamilton ON
https://secure.eton.ca/rac/events/detail.php?event_ID=2094
- Saturday July 11 - Ontario Hamfest at Milton Fairgrounds
https://secure.eton.ca/rac/events/detail.php?event_ID=2106
- Saturday August 8 - Parry Sound Amateur Radio Club Hamfest, Nobel, ON
<http://hamfest.ve3rpl.com/>
- Saturday September 12 - Ottawa Amateur Radio Club (Carp Fairgrounds) Hamfest
https://secure.eton.ca/rac/events/detail.php?event_ID=2105
- Saturday October 3 - Hamilton Amateur Radio Club Hamfest - Ancaster, ON
https://secure.eton.ca/rac/events/detail.php?event_ID=2092
- Saturday October 17 - Montreal South Shore Hamfest, Longueuil QC
https://secure.eton.ca/rac/events/detail.php?event_ID=2068
- Saturday November ?? York Region Hamfest - *(to be confirmed)*
<https://www.yrarc.org/yrarc-hamfest>

QARC Financial

As of February 29, 2020.

	<u>Jul '19 - Feb 20</u>			<u>Feb 29, 20</u>
		ASSETS		
			Current Assets	
50/50 Proceeds	96.55		Chequing/Savings	
Contribution To Club	160.00		Chequing - BMO	6,047.33
Dues	950.00		Petty Cash	170.14
	<u>1,206.55</u>		Total Chequing/Savings	<u>6,217.47</u>
	1,206.55		Other Current Assets	
			Inventory Asset	65.00
Annual Facilities Rent	162.72		Total Other Current Assets	<u>65.00</u>
Bank Service Charges	7.00		Total Current Assets	6,282.47
Donations	125.00		Fixed Assets	
Field Day	4.62		Club Equipment	160.00
Insurance Expense	460.74		Total Fixed Assets	<u>160.00</u>
Meals & Entertainment	110.75	TOTAL ASSETS		<u><u>6,442.47</u></u>
Miscellaneous Expense	95.63	LIABILITIES & EQUITY		
NSF Cheques	30.00		Liabilities	
Office Supplies	96.75		Current Liabilities	
Refreshments	35.00		Other Current Liabilities	
Total Expense	<u>1,128.21</u>		Prepaid Dues	
Net Ordinary Income	<u>78.34</u>		PPD 20/21	110.00
Net Income	<u><u>78.34</u></u>		PPD 21/22	20.00
			Total Prepaid Dues	<u>130.00</u>
			TCARC Merger Funds	1,393.13
			Total Other Current Liabilities	<u>1,523.13</u>
			Total Current Liabilities	<u>1,523.13</u>
			Total Liabilities	1,523.13
			Equity	
			Opening Balance Equity	5,552.83
			Retained Earnings	-711.83
			Net Income	78.34
			Total Equity	<u>4,919.34</u>
		TOTAL LIABILITIES & EQUITY		<u><u>6,442.47</u></u>