

Quinte 'QRM'

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

NOTICE OF MEETING:

DATE / TIME: Monday February 20, 2023 at **7:00 PM**

LOCATION: RCSCC Quinte Sea Cadet Building
16 South Front St, Belleville

PROGRAM: Participating in the CC115 Buffalo Aircraft Communications event this coming July. We hope to have **Phillip Tanner VA7XOZ** who is the Event organiser join us via ZOOM at the meeting. (see article on page 5)

Note: The Meeting will be a Hybrid meeting available via ZOOM as well.

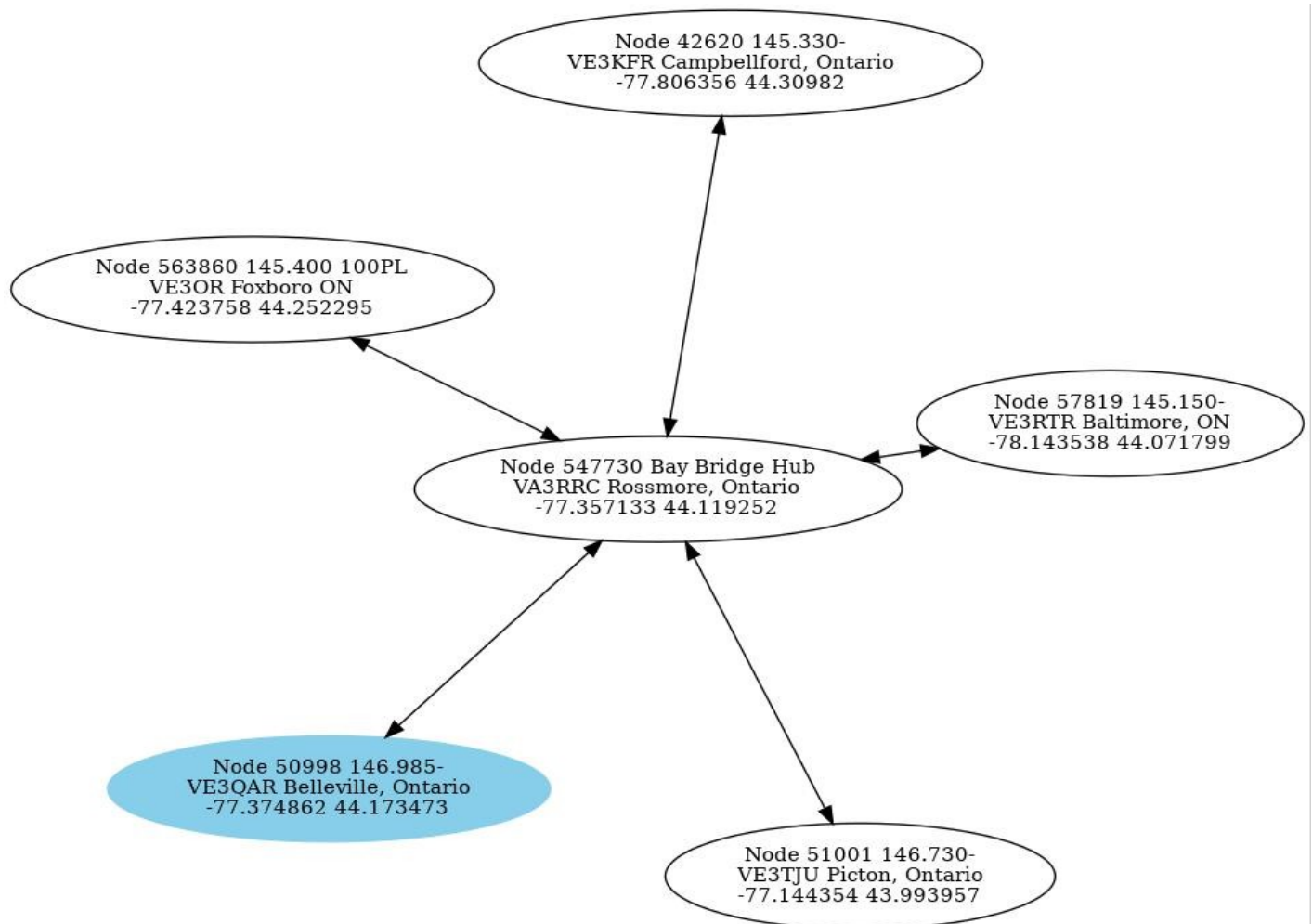
VE3QAR Belleville: 146.985 MHz (118.8 Hz) Allstar Node 50998	VE3QAR: 444.475 Mhz - Yaesu System FUSION (118.8 Hz) Node ID: 30589 Room ID: 40589
VE3KFR Campbellford: 145.33 MHz/442.9 (162.2 Hz) Allstar Node 42620 (Echolink 238523)	VE3RTR Cobourg (Rice Lake): 145.15 / 444.975 (162.2 Hz) Allstar Node 57819
Monthly Meetings: Third Monday @ 7:00 PM RCSCC Quinte Sea Cadet building, 16 S.Front St	Hams 'n Eggs: Saturdays @ 8:00 AM Quinte Restaurant, 135 Cannifton Rd, Belleville
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 2022 - 2023

President	Dave Ackerman	VE3OX	ve3ugt@rac.ca
Vice President	Cameron Hall	VE3GVG	hall.f.cameron@gmail.com
Secretary	Bob Moore	VE3QWB	ve3qwb@rac.ca
Treasurer	Allan Twamley	VE3XQV	atwamley@oxpoint.ca
Director at Large	Dennis Kinnear	VA3DWK	va3dwk@gmail.com

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.quintearc.ca	Chris Wiesner	VA3SM	va3sm@protonmail.com
Refreshments	John Howieson	VA3JO	jhowieson.ca@yahoo.com



<http://stats.allstarlink.org/stats/547730/networkMap>

VA3RRC AllStar Node #547730

VA3RRC-L Echolink Node #747943

MINUTES OF QARC Meeting 16 January 2023

Executive attending:

President	Dave Ackerman	VE3OX (Yes, picked up Mike's old call-sign)
Vice President	Cameron Hall	VE3GVG
Treasurer	Allan Twamley	VE3XQV
Secretary	Bob Moore	VE3QWB
Director at Large	Dennis Kinneer	VA3DWK

President Dave started the meeting at 7:05pm.

Silent Keys: Nancy Papper, passed away Sunday January 8, wife of **Mike Papper** VE3OX (SK), a long time member and executive of QARC. No other SK's mentioned. We observed a moment of silence in memory of Nancy.

Dave said he had been going through the club member list and reports that this is the **70th year** that **Cliff VE3CAF** has been licensed, and presented him with a customised name tag with the number 70 on it to recognise his milestone, as well as the QARC 75th anniversary.

Dave then introduced a guest on his first visit to the club, **Eric Buss VA3DOO** from Campbellford, who said he has been on different bands since 2006.

Approval of the minutes from November 2022, as posted in the latest club newsletter, there was no official meeting in December. **Moved** by secretary Bob VE3QWB, **Seconded** by Brian VA3BRW **Carried**

Approval of the treasurer report as posted in the latest club newsletter. **Moved** by treasurer Allan VE3XQV **Seconded** by Brian VE3GI. Allan said the recent changes were two funeral home in-memorial donations and the club's annual RAC insurance premium, \$748.56 **Carried**

75th Anniversary name tags. We are taking orders from anyone that would like one of the new club name tags celebrating the club's 75th anniversary. The pins are held in place with magnets. Anyone wanting one, paid for by the club, contact **Tim VE3UO** ve3uo@rac.ca

Field Day There was a discussion on possible locations of where to hold the event in June this year. This will be discussed more next month.

New Business: Notice of Motion at the Feb. 2023 meeting, to change the club Constitution regarding a **quorum for meetings**. Tim VE3UO informed us, as per club constitution, he is giving notice that at the next meeting he will be making a motion to change the requirements for a quorum at meetings. The motion will read:

Proposed Change to Constitution Regarding a Quorum at Meetings. In the past there have been meetings in which we were unable to meet the requirements of a quorum. The proposal is to abolish the requirement for three of the five elected Directors to be present, and to simply have a requirement for 25% of the membership to be present at a meeting. This is in line with the Prince Edward Radio Club requirement for a quorum at their monthly meetings. Our Constitution requires a Notice of Motion to change the Constitution at a monthly meeting of members, and to be voted on at the following month's meeting. So, the Notice is hereby presented at this month's meeting; and will be voted on at the February 20th 2023 meeting.

The actual proposed wording is as follows:

31. At the first meeting of the fiscal year, in addition to any other business that may be transacted, the report of the directors, the financial statement and the report of the auditors shall be presented. The members may consider and transact any business either special or general at any meeting of the members. The Board of Directors or the president or vice-president shall have power to call at any time, a general meeting of the members of the Corporation. The Board of Directors shall call a special general meeting of members on written requisition of members carrying not less than 5% of the voting rights. 15% of the membership present in person at a meeting plus the presence of 3 of the Directors will constitute a quorum.

CHANGE TO: At the first meeting of the fiscal year, in addition to any other business that may be transacted, the report of the directors, the financial statement and the report of the auditors shall be presented. The members may consider and transact any business either special or general at any meeting of the members. The Board of Directors or the president or vice-president shall have power to call at any time, a general meeting of the members of the Corporation. The Board of Directors shall call a special general meeting of members on written requisition of members carrying not less than 5% of the voting rights. **25% of the membership present in person at a meeting will constitute a quorum.**

We took a **break** at 7:30. Thank you to **Christine VA3CSW** and **John VA3JO** for the drinks and snacks.

Then Dave introduced our presenter for this evening, **Steven VE3PTA**, on Zoom from Port Hope, who gave us a presentation on **Parks On The Air (POTA)** . Dave spent some time trying to improve the audio from Steven, but due to the large room we were in, portions of the presentation were hard to understand. A larger speaker supplied by Matthew VE3ZQW helped some. Hopefully the audio problem can be fixed in the future. Thanks Steven for the information and insight into POTA. For information, see the website <https://parksontheair.com/>

The meeting ended at 8:17. Attendance: in person: 24; On Zoom: 9; Total: 33

Next meeting Monday Feb. 20, 7pm at the Sea Cadet's hall and on Zoom.

Minutes taken by club secretary **Bob Moore** ve3qwb ve3qwb@rac.ca



CC115 Buffalo Ham radio event this summer

Phillip Tanner VA7XOZ phillipmaxtanner@gmail.com

I have organized an event in collaboration with the Comox Air Park Museum here at 19 Wing and the local Comox Valley Amateur Radio Club (CVARC) for this **July 22-23, 2023**. I was ideally positioned as a currently serving Avionics Technician at 442 Sqn who worked on the Buffalo for several years as well as being a member of the local radio club to bring our communities together. Many amateur radio operators are veterans as well, so there's quite a bit of overlap.

- **When:** The event is being held from the afternoon of Saturday 22 July into the evening.
- **Where:** At the 4 Buffalos across Canada in Summerside, Trenton, Winnipeg, and Comox.
- **Why:** To celebrate the life and retirement of the CC115 Buffalo and promote RCAF heritage in the community.
- **How:** The Buffalo aircraft have had their HF radios removed, but they all still have their lightning arresters connected to the HF antenna (which is the black cable going from the top of the cockpit to the top of the tail). The local amateur radio club would use their own licensed civilian HF radio and connect to the HF antenna in the aircraft via my simple technical instructions. They would provide their own battery power directly to their radio and not require any of the aircraft systems to be powered at all (we just want to use the antenna).
- **Interference:** at the low power levels and low frequency bands we'll be operating on, there is no chance of interference with airband communications for nearby aircraft and no interference with any other radio band in general. The safety distance is also very small and will not expose anyone to harmful RF radiation unless they physically climb onto

the aircraft and hold the antenna wire while the radio is broadcasting, which will be easy to prevent since no one will have any requirement to be on top since the antenna can be accessed from inside the aircraft.

- **Licensing:** Amateur radio operators across Canada are licensed by the Federal Spectrum Management Operations Office, which is a department of Innovation, Science, and Economic Development Canada (ISED, formerly Industry Canada). Licensed amateur radio clubs will apply for a special event callsign for the event. The event callsign format is XXXBUFF123, where 123 is the tail number of the aircraft and XXX is the assigned prefix from Spectrum Management. Example: Comox's event callsign is VC7BUFF457 (Trenton's callsign will be VC3BUFF456)
- **Liability:** Amateur radio clubs have liability insurance for club events through the RAC organization (Radio Amateurs of Canada), that extends to club events as well as individual RAC members.
- **Promotion:** We will be promoting the event through Amateur Radio forums, clubs, radio nets, podcasts, RAC, as well as through the special events page on the Federal website. We'll also be posting it on the base/wing notice boards across the country as well as local and national media organizations/newspapers and Facebook groups.
- **Public Relations:** Local news may come to take some photos or write a story about the event, so the Public Affairs Officer or PR rep should be notified in each location and the clubs should each have the PAO/PR contact info to give to any news media for their locations.

Event summary: Essentially what will be happening is the local amateur radio clubs will be heading out to the 4 Buffalo aircraft on **July 22nd** and setting up some folding tables and chairs etc and plugging in a radio to the antenna on each aircraft. They will then operate on civilian amateur radio band frequencies and make brief radio contact with other radio operators around the globe (mostly Canada and the USA, depending on ionosphere conditions) and recording each contact (their callsign, time, frequency, etc). They will take turns and operate for several hours or maybe even into the evening as we are doing in Comox, because the ionosphere at nighttime lets us reach out much further. At the event I will be taking a group photo with the aircraft and creating a postcard, which in radio we call a QSL or contact card. I'll then be mailing out those cards to all the radio operators we were able to make contact with as a souvenir. Each radio club will be responsible for their own QSL cards and I will be encouraging each of them to do the same.

In many areas (like Nanaimo) the amateur radio club has a relationship with the local Cadets and teaches the kids how to operate on radio. The intent will be to invite any interested Cadets to come out and participate and get them exposure to RCAF history and mentors in the amateur radio community.

If you have any questions or concerns please reach out to me. My cell is 514-972-3737

Nametags

It's not too late to get a special 75th Anniversary nametag to celebrate the club's 75th Anniversary. Contact Tim VE3UO ve3uo@rac.ca to order yours. New members joining the club receive a complimentary nametag. There are no doubt some who have joined since March 2020 and have not received one due to the club not meeting in person because of the pandemic. If this is the case, please contact Tim to get one.

Repeater News

Two recent developments to pass along this month -

Dennis Kinnear VA3DWK has put up a UHF repeater at his QTH in Trenton on **443.400** Mhz (+5 mhz offset) & 118.8 PL tone - callsign **VE3TQW**. Dennis reports good coverage in and around Trenton, so give it a try especially if you're close to Trenton.

'Murphy' has been spending some time in the Picton **VE3TJU** Repeater Shack lately. A while ago their power amplifier failed knocking their output power down to approximately 15 watts from the normal 60 watts. This was noticed primarily in the fringe of their coverage area. A week or so ago another very noticable power drop was observed just about everywhere. **Matthew VE3FL** visited the site and measured a very high SWR on the repeater antenna. He switched the repeater over to their lower APRS Ringo Ranger antenna, which was a marginal improvement as the antenna is tuned to the APRS frequency 144.39 MHz. On Saturday February 11 Matthew and **Will VA3JWO** along with some test equipment visited the site to check the main antenna, and a problem was found on a connector on the phasing harness to the antenna. A new connector will be required. The good news is there are no problems with the antenna or the feedline. The Ringo Ranger antenna was retuned as well which brought the signal level up slightly. The repeater will be running in this configuration and the **VA3PEC** APRS Digi will be off the air until the defective connector can be replaced.

2023 Hamfests & Fleamarkets

Sunday March 19 -	Ham-Ex 2023 Brampton Fairgrounds CANCELLED. https://secure.eton.ca/rac/events/detail.php?event_ID=2257
Saturday April 1 -	Iroquois Amateur Radio Club Fleamarket http://www.iroquoisarc.ca/page3.html https://secure.eton.ca/rac/events/detail.php?event_ID=2208
Saturday April 15 -	Montreal Amateur Radio Club Hamfest https://www.marc.ca/fest/
Saturday April 22 -	Durham Hamfest, 1867 Valley Farm Rd S, Pickering, ON https://www.durhamhamfest.com/
Saturday May 13 -	Simcoe County (Spring) Hamfest - Barrie, ON http://scare-radio.com/Scare-Radio.com/Home.html https://secure.eton.ca/rac/events/detail.php?event_ID=2264
May 19, 20 & 21 -	Hamvention® 2023 - Greene County Fairgrounds, Xenia, Ohio http://hamvention.org/
Saturday May 27 -	NPARC Big Event - Niagara Peninsula ARC, Stevensville, ON https://secure.eton.ca/rac/events/detail.php?event_ID=2262
Saturday June 3 -	37 th Annual Smiths Falls Fleamarket, Smiths Falls, ON https://www.ve3rlr.ca/p/httpsgoo.html
<u>Sunday</u> June 4 -	Central Ontario Hamfest - Kitchener-Waterloo, ON https://www.hamfest.on.ca/
Saturday July 8 -	Ontario Hamfest (Milton Ontario Fairgrounds) https://secure.eton.ca/rac/events/detail.php?event_ID=2274
Sunday August 20 -	London Amateur Radio Club Hamfest - Dorchester, ON https://www.larc.ca/PDF/Hamfest2023.pdf
Saturday Sept 9 -	Ottawa (Carp) Hamfest - Carp (ON) Fairgrounds https://oarc.net/2023-09-09-oarc-carp-hamfest/
Saturday Sept 16 -	Simcoe County (Fall) Hamfest - Barrie, ON https://secure.eton.ca/rac/events/detail.php?event_ID=2265
Saturday October 21 -	Montreal South Shore Hamfest - Longueuil, QC https://www.ve2clm.ca/activites/hamfest

For more information on these and other hamfests/fleamarkets, see:
<https://secure.eton.ca/rac/events/upcoming.php> & <https://www.ontars.com/>

QARC Financial

As of January 31, 2023.

	Jul '22 - Jan 23		31 Jan 23
Ordinary Income/Expense		ASSETS	
Income		Current Assets	
Contribution To Club	156.00	Chequing/Savings	
Dues	2,290.00	Chequing - BMO	4,495.91
Life Member Dues Discount	-270.00	Total Chequing/Savings	4,495.91
Other Discount	-30.00	Accounts Receivable	
Other Income	20.00	Accounts Receivable	430.00
RAC Insurance Discount	-280.00	Total Accounts Receivable	430.00
Total Income	1,886.00	Total Current Assets	4,925.91
Gross Profit	1,886.00	TOTAL ASSETS	4,925.91
Expense		LIABILITIES & EQUITY	
Bank Expense		Equity	
Bank Account Fees	7.50	Opening Balance Equity	4,315.08
Bank Interac Fees	4.50	Retained Earnings	-114.25
Total Bank Expense	12.00	Net Income	725.08
Donations	150.00	Total Equity	4,925.91
Hospitality	97.81	TOTAL LIABILITIES & EQUITY	4,925.91
Insurance Expense	748.56		
Office Supplies	113.00		
Promotion & Advertising	39.55		
Total Expense	1,160.92		
Net Ordinary Income	725.08		
Net Income	725.08		

Google Map Link showing our meeting location:

RCSCC Quinte Sea Cadet Building
16 South Front St, Belleville:

<https://goo.gl/maps/BGnS22FqPGae928L8> .