

Quinte 'QRM'

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

NOTICE OF MEETING:

DATE / TIME: Monday June 15th, 2026 at **6:30 PM**

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

PROGRAM: 9th Annual Trunk Sale to be held in the parking lot on the south side of the building. Please park in this lot only if you have items to sell. Same rules as always - if your item(s) do not sell, please do not leave anything behind.

In the event of inclement weather, this event will not be moved indoors, but there will be a short meeting indoors to provide updates on current events. **This meeting will not be streamed on ZOOM.**

VE3QAR Belleville: 146.865 MHz (91.5 Hz/118.8 Hz) AllStar Node 547331	VE3BEL: 444.475 Mhz (118.8 Hz) WIRES-X Node ID: 30589 - Room ID: 40589
VE3TJU Picton (Base31): 146.73 MHz (118.8 Hz) AllStar Node 51001 (Echolink 636917)	VA3PEC Picton (Base31): 443.3 MHz (under construction)
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 Nodes 57819 (VHF) / 547735 (UHF)
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	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	

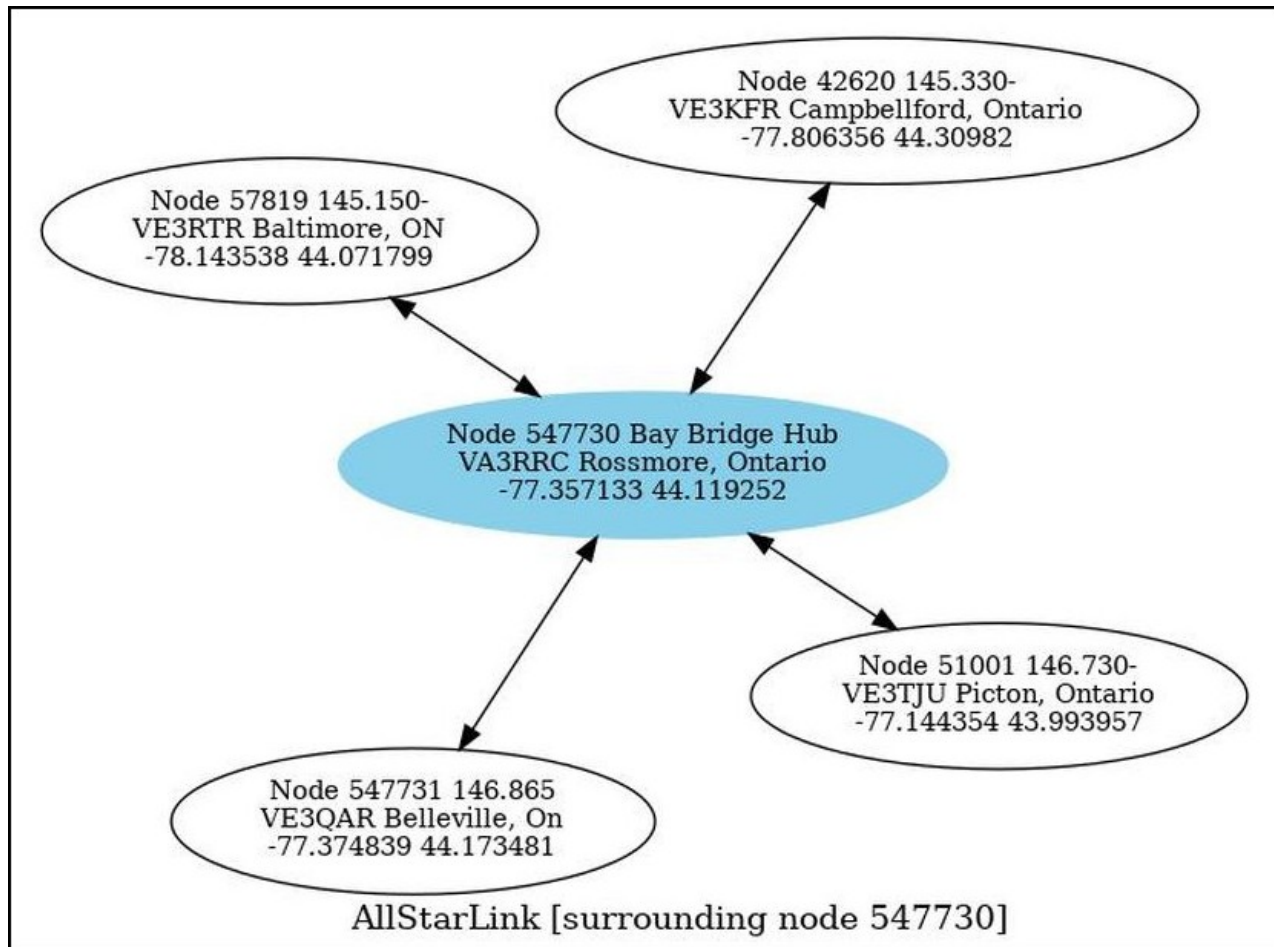
QARC Facebook Page: <https://www.facebook.com/groups/1543235506633198>

QARC DIRECTORS 2025 - 2026

President	Dave Ackerman	VE3OX	ve3ugt@myrac.ca
Vice President	Dennis Kinnear	VA3DWK	va3dwk@gmail.com
Secretary	Sean Scally	VA3BZC	soscally@gmail.com
Treasurer	Attila Kostya	VE3KAS	ve3kas@gmail.com
Director at Large	Bob Williams	VA3NGE	va3nge@gmail.com

Appointed Positions:

Past President & 'QRM' Editor	Tim Pekkonen	VE3UO	ve3uo@myrac.ca
Radio Communications	Peter Hodgson	VE3UR	ve3ur@myrac.ca
Training Co-ordinator (Basic/Advanced)	Dennis Kinnear	VA3DWK	va3dwk@gmail.com
ISED Accredited Examiner	Robert Jankov	VA3KRJ	va3krj@gmail.com
Webmaster www.qarc.ca	Chris Wiesner	VA3SM	va3sm@protonmail.com
Refreshments	Hans Winzen	VE3OR	handiewin@gmail.com
QARC Facebook Guy	Jeff Watkins	VE3OWT	ve3owt@gmail.com



VA3RRC AllStar Node #547730

VA3RRC-L Echolink Node #747943

QARC Executive 2026-2027

July 1, 2026 - June 30, 2027.

President	Dennis Kinnear	VA3DWK	va3dwk@gmail.com
Vice-President	Bob Williams	VA3NGE	va3nge@gmail.com
Secretary	Sean Scally	VA3BZC	soscally@gmail.com
Treasurer	Matthew Dwight	VE3FL	matthew@mdwight.com
Director At Large	Bob Culp	VA3ACE	wrshup@gmail.com

(Outgoing President Dave Ackerman VE3OX becomes Past-President)

Minutes of QARC Meeting - May 18, 2026

The meeting was brought to order by Club President Dave Ackerman VE3OX.

Silent Keys: None

A **motion** to accept the Minutes as published in the newsletter of the last meeting was made by Sean VE3BZC and seconded Dennis VA3DWK. The motion was carried.

The Treasurer was not present and the report was read by Tim VE3UO who made a **motion** to accept the Treasurers report and seconded Bob VE3QWB. The motion was carried.

Dave discussed the Sea Cadets Dunkin' Donuts fundraiser and a sign up sheet was passed around.

Past President Tim VE3UO conducted **annual election** of officers.

Dave Ackerman VE3OX stepped down as president after a long term through tough times and received a well deserved round of applause and a huge thank you from the membership, he will now replace Tim VE3UO as Past President - however Tim will remain at the helm of the 'QRM' newsletter.

With only one candidate standing as the New **President Dennis VA3DWK** was acclaimed as President - A big thank you to Dennis for stepping up from Vice.

With only one candidate standing as the new Vice President to replace Dennis VA3DWK the new **Vice president Bob VA3NGE** was acclaimed. Thank you Bob for stepping up to Vice President.

With no other candidates willing to run against **Sean VA3BZC** for the position of **Secretary** Sean was forced to remain as the secretary for another term.

With only one candidate standing as the **Treasurer Matt VE3FL** was acclaimed as the new Treasurer. A big thank you to Attila VE3KAS for such an awesome job keeping us solvent and financially stable throughout his term.

With only one candidate standing as the **Director at Large Bob VA3ACE** was acclaimed as the new Director at large.

A **motion** to close the election as complete for this year was made by Bob VE3QWB, seconded Don VE3UHO. **Carried.**

Here is your new Executive:

President	Dennis Kinnear	VA3DWK
Vice President	Bob Williams	VA3NGE
Secretary	Sean Scally	VA3BZC
Treasurer	Matthew Dwight	VE3FL
Director at Large	Bob Culp	VA3ACE

Dave VE3OX made a **motion** seconded by Gary VE3JGK that the club donate \$300 to the Sea Cadets as a thank you for using the facilities for our meetings, after a short discussion the motion was **carried** unanimously.

A quick discussion ensued about conducting some **foxhunting which** was deferred to the fall to organize. If you are interested in organizing the hunt give it a thought over the summer.

Summer Field Day June 27-28 will take place at the Prince Edward Auto Club at Ameliasburgh, including a Sunday breakfast at the car club. More Field Day info at <https://www.arrl.org/field-day> Remember if you will be attending Field Day bring a **chair** and dress for the weather.

T-shirts ordered have been ordered and will be available very soon.

Our regular monthly meeting for June will be our annual **June Junk from the Trunk sale** so gather all your unwanted surplus and bring it down and sell it or trade it for more unwanted surplus STUFF.

Matt VE3FL volunteers for the PEC Kids of Steel triathlon <https://www.countykidsofsteel.ca/> taking place Sunday 7 June, starting at about 7 am and goes until about 1 pm. The volunteers are posted at various places along race routes. Please contact Matt if you need any other info.

Dave VE3OX mentioned that the Quinte Antique Tractor Club will be having their annual **Steak Dinner** on Saturday June 6 5:00 PM at the Elks Lodge in Allisonville and at a cost of \$30 - let Dave know if you are interested ASAP.

After a short open discussion the meeting was adjourned about 7:45 pm.

Members in Attendance:

Tim VE3UO	Hans VE3OR	Sean VA3BZC	Klaus VA3TBT
Matthew VE3FL	Cameron VE3GVG	Blair VE3BCA	Bob VA3NGE
George VA3XMG	Lee VA3LHM	Bob VE3QWB	Dennis VA3DWK
Guest Marnie	Gary VE3JGK	Dave VE3OX	Eric VE3GSI
Marlene VE3HBR	Brian VA3BRW	Klaas VA3TBT	Don VE3UHO.

Via ZOOM:

Al VE3FZ	Ian VE3EP	Daryl VA3UAP	Jason VE3NYA.
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Minutes taken by: Sean Scally VA3BZC soscally@gmail.com

QARC Club Annual Dues

The club's fiscal year runs from July 1 to June 30 which means the time is here to submit dues. The annual dues are \$30 with a \$10 reduction if you are a member of Radio Amateurs of Canada (RAC). **Please note there are no additional fees for additional licensed Amateurs in the same household.**

A reminder invoice will be sent out via e-mail to current members shortly. Dues can also be paid at this month's Trunk Sale.

NRC shortwave station broadcasts (CHU) To Be Shutdown

The National Research Council Time Signal Shortwave broadcasts on 3330, 7850 and 14670 KHz will no longer be available after June 22.

The NRC online web-clock can be found at: <https://nrc.canada.ca/en/web-clock/>

Information about CHU can be found here: <https://nrc.canada.ca/en/certifications-evaluations-standards/canadas-official-time/nrc-shortwave-station-broadcasts-chu>

CHU Historical information:

Radio station CHU is operated by the NRC. The call letters CHU were first used for Canadian time transmission in 1938, on the frequencies, 3330 kHz, 7335 (7850 since 2009) kHz and 14670 kHz. The 2009 change in frequency was to avoid new interference permitted since 2007, when the International Telecommunications Union reallocated the 7300-7350 kHz band, changing it from fixed service to general broadcast use. After this change, our 7335 kHz transmissions began to be obscured by numerous broadcasters from around the world who started to use that frequency.

Before 1938 the call letters of essentially the same transmissions were VE9OB. The carrier frequency has been the specified standard since 1934; before that the quartz oscillators had been tuned to standard wavelengths. Continuous transmissions at a wavelength of 20.4 m had started in 1933, joining the 40.8 m and 90 m transmissions, which began in 1929 (daytime only). Daily transmission on a wavelength of 52.5 m had begun in 1928 under the call letters 9CC (later VE9CC), but ceased with the startup of 40.8 m operation. 9CC had started experimental time transmission in 1923 on 275 m, and license 3AF had operated in 1922. Thus there is quite a range of possible dates to assign to the establishment of CHU; we lean towards 1929 as being the start of daily time transmissions at essentially the modern frequencies. Of course there has been quite a change in equipment and accuracy over the years, but the largest improvement was with the change to cesium atomic clocks in 1967. In 1970 the responsibility of operating CHU was transferred from the astronomers at the Dominion Observatory to the physicists at the National Research Council.

Since 1970, the National Research Council has been charged with maintaining official time for Canada. The shortwave radio station CHU is one, but only one of the ways that official time is disseminated across Canada.

Following internationally accepted recommendations, Canada and other countries have official time scales in agreement within 10 μ s. Since CHU's transmissions are well within 100 μ s of official Canadian time, for all distant users of CHU, the dominant source of time error comes from the radio wave path reflecting off the ionosphere as the radio signal travels from the transmitter (in Ottawa, Ontario, Canada) to the user. The time delay is 3.3 μ s per km of path, and generally varies by less than 1ms due to uncertainties in path including the uncertainty in the number of skips made by the radio wave (reflections down from the ionosphere and back up from the surface of the Earth). For a fixed receiver when the number of skips does not change, the variation in the path delay will usually be less than 100 μ s. A small additional delay comes from the radio receiver, and may be significant.

Before April 1, 1990, CHU's time announcements were given as Eastern Standard Time. Since that time CHU's time announcements have been given as Coordinated Universal Time (UTC). The change from EST to UTC was done to remain in the spirit of the recommendations of the International Consultative Committee on Radio: 'that the standard time broadcasts on standard frequencies be given in UTC'. In a narrow sense, since CHU does not broadcast on the frequencies allocated for frequency standards, these recommendations do not strictly apply to CHU. However, since CHU is received across Canada's six time zones and around the world, we made the change when it became possible technically to change from EST to UTC without difficulty.

The warble tone at seconds 31 to 39 allow any computer with a Bell 103 compatible 300 bps modem to receive and decode an accurate source of time.

FIFA World Cup Special Event Stations

The 2026 World Cup will be hosted for the first time in 3 countries - Canada, Mexico and the United States. This will involve 16 host cities across North America with Toronto & Vancouver being the Canadian host cities. The tournament will start June 11, and run through July 19, 2026. It would appear that special event stations will be on the air only when there games scheduled to be played in each individual host city.

For information on the FIFA World Cup Ham Special Event Stations, visit:

<https://www.wc2026ses.org/>

<https://www.qrz.com/db/VC3F> - Toronto Host City Special Event Station

<https://www.qrz.com/db/VB7F> - Vancouver Host City Special Event Station

2026 Hamfests & Fleamarkets

- Saturday July 11 - Ontario Hamfest at Milton (ON) Fairgrounds
<https://www.barc.ca/ontario-hamfest>
- Saturday August 15 - Parry Sound Amateur Radio Club Hamfest
<https://hamfest.ve3rpl.com/>
- Saturday September 12 - Ottawa (Carp) Hamfest
https://hambone.ca/rac/events/detail.php?event_ID=2443
- Saturday October 3 - Eastern Ontario Hamfest - St Albert, ON
<https://eohamfest.com/>
- Saturday October 17 - Kingston Ontario Fall Hamfest - 734 Montreal St, Kingston
https://ontars.com/King%20Fest/king_2026.jpg

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

QARC Financial Report

As of May 18 , 2026

Revenue		Financial Assets	
	Balance		Balance
Membership Dues	\$40.00	BMO Chequing Account	
Donation to Club	\$143.85	Opening Balance - Apr 20, 2026	\$7,647.39
Draw		Credit	\$183.85
Coffee @ meeting		Debit	\$0.00
Sale of Club Equipment		Closing Balance - May 18, 2026	\$7,831.24
Total Revenue	\$183.85	Petty Cash	
		Opening Balance - Apr 20, 2026	\$32.00
		Deposits	
		Expenses	
		Closing Balance - May 18, 2026	\$32.00
Expenses		Total Revenue	\$7,863.24
Bank Fees		Apr to May - Account Activity	\$183.85
Incorporation Annual Fees			
Insurance		Inventory Assets	
QARC Domain Fees		Opening Balance	
Zoom Annual Fees		New Aquisition	
PO Box Annual Fees		Disposed Assets	
Office Expenses		Depreciation	
Total Expenses	\$0.00	Total Assets Current Worth	\$0.00
		Total Equity	\$7,863.24
Net Revenue	\$183.85		
Club Membership			
Paid up members - Individual	68		
Family	8		
Life Members - Individual	8		
Family			
TOTAL active MEMBERS	92		

Treasurer report
Prepared by
Attila S. Kostya
VE3KAS