

# SARA NEWS

## Schenectady Amateur Radio Association

P.O. Box 449  
Schenectady, NY 12301-0449

### Message from the President:

This snowy weather can't last forever—antenna installation season is almost here. I bought a fan dipole for 10-80 meters at least 2 years ago, and I have been staring at it (as it sits in my basement) long enough! I am looking for that very short window where it's survivable to work outside but the trees have not yet leafed out. This must be the year to get that antenna on the air.

Have a piece of gear that you no longer need? It just may be the thing a fellow ham is looking for. Bring it to the next SARA meeting and put it on the “free” or “bargain-priced” table in the back.

The Broughton award committee is seeking nominations for the 2023 Henry Primm Broughton Memorial Award—please contact any of the committee members (WA2JMS, W2UI, and K2PK) with nominations prior to April 1, 2023.

The SARA Election Committee is developing a slate of candidates for our June elections. Contact one of the committee members (WA2JMS, W2UI, and K2PK) with nominations. The election committee will submit a slate of candidates in the April SARA News.

73, Jim WA2JMS



# The March SARA meeting will be held at the **Alplaus Fire Station**

and will also be available via Webex.

**Speaker:** Bob Olsen, WA7WWP

**Topic:** RF Safety for Amateur Radio Operators

**Date:** Monday, March 20

**Time:** 7:00—8:30 PM (in person and via Webex)

(The Webex link will be sent out separately prior to the meeting)

**Abstract:** Bob will cover the FCC requirements for determining which amateur stations need to be evaluated for RF exposure and if needed how an evaluation can be conducted.

Bob will also discuss *and demonstrate* **RF Exposure Calculators** available to amateurs and the theory behind them. Bob will emphasize some of the difficulties and point out that most calculations over-predict the exposure. He will discuss the RF Exposure standards used by the FCC and add some information about the origin of these standards.

**About Our Speaker:** Robert G. Olsen received his B.S. degree in electrical engineering from Rutgers University 1968 and his M.S. and Ph.D. degrees in electrical engineering from the University of Colorado, Boulder, CO in 1970 and 1974, respectively.

Bob has been a member of the electrical engineering faculty at Washington State University since 1973 and holds the rank of Emeritus Professor. During his tenure at WSU, he has been an NSF Faculty Fellow at GTE Laboratories in Waltham, MA, a visiting scientist at ABB Corporate Research in Västerås, Sweden and at the Electric Power Research Institute (EPRI) in Palo Alto, CA, and a Visiting Professor at the Technical University of Denmark.

Bob's research interests span all aspects of electromagnetics issues in power transmission. He has approximately 100 publications in refereed journals and approximately 150 conference publications/presentations. He is also one of the authors of the [AC Transmission Line Reference Book – 200 kV and Above](#), which is published by the Electric Power Research (continued next page)

Note: The meeting location is 309 Alplaus Ave, Alplaus, NY, and the building is at the corner of Alplaus Avenue and Bruce Drive. Please park in the paved lot adjacent to this building. Do not park in the restricted area in front of the building that houses the fire trucks. We will meet in the Multipurpose Room (entrance is on the North side of this building).

(About our speaker, continued from page 2)

Institute (EPRI), and the author of the recently published two-volume book, High Voltage Overhead Transmission Line Electromagnetics.

He is a Fellow of the IEEE, an Honorary Life member of the IEEE Electromagnetic Compatibility Society, and has served as chair of the IEEE Power Engineering Society AC Fields and Corona Effects Working Groups. In addition, he is past Associate Editor of the *IEEE Transactions on Electromagnetic Compatibility and Radio Science*.

He was first licensed in 1961 as WA2QPX in Westwood NJ. Since 1974, he has been licensed as Amateur Extra Class WA7WWP. His recent activity has been HF (mostly 20 meters) CW and digital, plus a small amount of 2 meter activity.

He currently lives in Pullman, WA.

## 2022-2023 Program Schedule

Date	Speaker	Call Sign	Topic
September 19, 2022	Tom Perera	W1TP	The History of Telegraph Keys
October 17, 2022	John Miller	K6MM	Dxpedition to Baker Island (2018)
November 21, 2022	Skip Evans	W2YJL	Digital Mobile Radio (DMR)
November 29, 2022 6:00 PM	Holiday Dinner		Dinner at the United Buffet Restaurant
January 16, 2023	Barry Feierman	K3EUI	Modulation: Sound Card Digital Modes on HF SSB
February 20, 2023	Michael Walker	VA3MW	Software Defined Radio
March 20, 2023	Bob Olsen	WA7WWP	RF Safety
April 17, 2023	Jim Murphy	-	Displays: light interaction and human health/circadian rhythm
May 15, 2023	Dean Poeth II	K8TM	Surface Mount Technology
June 19, 2023	Tim Long & James MacMurray	W2UI, N2UZQ	SARA Elections, Field Day Planning, and Broughton Award Presentation

**SARA Board Meeting March 8, 2023****Hybrid meeting: in-person at the Alplaus Fire House and online via Webex.****Present:**

President: Jim Silva WA2JMS

Board member: John Clement NM2R (Webex)

Vice President: Skip Evans W2YJL

Board member: Bob Saltzman WB2ARK (Webex)

Secretary: Jim Stewart K2PK (Webex)

Board member: Paul Siemers WY2F

Treasurer: Tim Long W2UI

Board member: Dean Poeth, II K8TM

**Meeting opened** by President Jim Silva at 7:00 PM.**Secretary's Report:** It was moved, seconded, and carried to approve the minutes of the board meeting of February 8, 2023 previously circulated to the board by email and published in the February SARA News. These minutes will be published in the March 2023 SARA News.**Treasurer's Report:** Treasurer Tim Long presented and discussed the treasurer's report previously circulated to board members by email and shown via screen sharing to those attending remotely. Tim reported on the new safe deposit box which is larger enough to hold all the Broughton medallions and the important club papers. Tim reported that the Alplaus donation check has been cashed. It was moved, seconded and carried to approve the Treasurer's report.**Programs:** Bob Saltzman reported on the planned meetings through June.**Public Service Events:** There are no known public service events to be scheduled at this time.**Repeater:** Jim Silva reported on the status of planned improvements to the 2 meter repeater with discussion by board members.**Field Day:** Board members discussed antennas for FD.**New Business:**

Jim Silva reported on the names of the members of the Broughton Award Committee for presentation at the 2023 Annual Meeting and the Board and Officers Nominating Committee for the next fiscal year.

**Meeting Adjourned** at 7:47 PM.

Submitted by Secretary Jim Stewart K2PK

## SARA Trading Post



For Sale: ICOM SM-2 Desk Microphone .  
Best offer. Contact W2UI



Vintage CRTs for sale: 3FP7 \$25 each (2 available)

Contact WA2JMS

All proceeds go to SARA

SARA Members—Have an item to sell?

Have a need for a piece of gear?

Contact Jim WA2JMS with a description, asking price, and contact information, and we'll publish it in SARA News. Photos are also welcome.

## K2AE Repeater Guidelines:

### K2AE Repeaters are open and visitor friendly.

1. There will be a control operator monitoring at all times. If there is no control operator, the repeater will be unavailable. (97.103 and 97.105)
2. Control operators will not discourage anyone from using the repeater.
3. Conduct on the repeaters should be governed by common sense and courtesy. Conversations should be in plain language and suitable for all listeners. (97.112 and 97.113)
4. Commercial or business use is not allowed.
5. Pause a few seconds between transmissions. The repeater will recycle. This gives a chance for other users or emergency traffic to call in. (Give an even longer pause in the wintertime.)
6. If someone calls "break", operators should yield the frequency for emergency traffic. Yielding to a "breaking" or new station is common courtesy. New York State and Federal law prohibits interference with emergency traffic.
7. Operators are encouraged to use simplex whenever possible, and to use the minimum power necessary to maintain clear contact, i.e. 50 watts or more is not appropriate in close proximity to the repeater when 1 or 5 watts achieves full quieting. (97.313)
8. Use of the repeater for non-SARA public service events is prohibited unless permission from the Trustee is obtained. Please forward requests to: [w2sfd@arrl.net](mailto:w2sfd@arrl.net).
9. In the event of an emergency (SKYWARN, flooding, extreme weather conditions, or other emergencies), control operators will turn the repeater on if it is down.

## Schenectady County Emergency Net

Schenectady County ARES members act as Net Control Stations for the Schenectady County Emergency Net (SCEN) on Sunday afternoons. Emergency Coordinator: James MacMurray - N2UZQ  
The nets are open to all amateurs. ARES or RACES membership is not required to participate. The purpose of the nets is for training, passing any traffic that you might have, and any announcements of general interest.

Day of week	TIME	FREQUENCY	MODE
Every Sunday	1:00 PM	444.200	K2AE Repeater
Every Sunday	1:30 PM	147.060	K2AE Repeater
1st Sunday	2:00 PM	3.953	LSB
2nd Sunday	2:00 PM	52.525	FM Simplex
3rd Sunday	2:00 PM	146.435	FM Simplex
4th Sunday	2:00 PM	28.350	USB
5th Sunday	2:00 PM	TBA	TBA

## SARA Board of Directors/Officers

### President

Jim Silva, WA2JMS

Email: [jsilva.NY@gmail.com](mailto:jsilva.NY@gmail.com)

Phone: (518) 877-8032

### Vice President

Skip Evans, W2YJL

Email: [ShortSkip86@gmail.com](mailto:ShortSkip86@gmail.com)

Phone: (518) 399-5538

### Secretary

James Stewart, K2PK

Email: [k2pk@arrl.net](mailto:k2pk@arrl.net)

Phone: (518) 399-1867

### Treasurer

Tim Long, W2UI

Email: [tlong1@earthlink.net](mailto:tlong1@earthlink.net)

Phone: (518) 399-7454

### Directors

Dean Poeth II, K8TM

Email: [K8TM@arrl.net](mailto:K8TM@arrl.net)

Phone: 518-377-4041

Paul Siemers, WY2F

Email: [psiemer2@nycap.rr.com](mailto:psiemer2@nycap.rr.com)

Phone: (518) 371-0215

Bob Saltzman, WB2ARK

Email: [saltzman@nycap.rr.com](mailto:saltzman@nycap.rr.com)

Phone: 518-370-2222

John Clement, NM2R

Email: [jtcsrvbi@gmail.com](mailto:jtcsrvbi@gmail.com)

Phone: 518-522-4829.

## SARA Standing Committees

### SARA Newsletter

Jim Silva - WA2JMS

Email: [JSilva.NY@gmail.com](mailto:JSilva.NY@gmail.com)

Phone: (518) 877-8032

### Elmer and Antenna Party

Tim Long - W2UI

Email: [tlong1@earthlink.net](mailto:tlong1@earthlink.net)

Phone: (518) 399-7454

### K2AE Repeater Trustee

George Burns - W2SFD

Email: [w2sfd@arrl.net](mailto:w2sfd@arrl.net)

### Repeater

Scott Krone - N2YCA

Email: [n2yca@nycap.rr.com](mailto:n2yca@nycap.rr.com)

Phone: (518) 273-1610

### RFI/TVI

Vacant—please consider volunteering for this position

### Public Service Events

Schenectady County ARES

James MacMurray - N2UZQ

Email: [n2uzq@arrl.net](mailto:n2uzq@arrl.net)

Phone: (518) 369-2298

### Volunteer Examiner Team

Vacant - please consider volunteering for this position

### FCC Exam Registration

Phone: (518) 604-4128



# Schenectady Amateur Radio Association Membership Application

(Please print legibly)

- New member (some eligibility requirements apply)
- Renewing member
- Donation to the Repeater Fund. Amount: \$ \_\_\_\_\_

Membership Class:

- Full: \$20.00 per year dues
- New member initiation: \$5.00 one-time fee in addition to full dues  
(The initiation fee is applied to the Henry Primm Broughton Memorial Fund)
- Spousal: \$5.00 per year dues. Name or call sign of full member: \_\_\_\_\_
- Student (K-12 and full-time undergraduate college): \$5.00 per year dues

Call Sign (if licensed): \_\_\_\_\_ License Class: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Cell phone: \_\_\_\_\_

Email Address: \_\_\_\_\_

(The *SARA Newsletter* will be distributed via email, unless otherwise specifically requested.)

Member of:  ARRL  ARES  RACES  NTS \_\_\_\_\_ another club (specify)

Please use a separate form for each SARA membership application at your address.

Make checks payable to: **Schenectady Amateur Radio Association**

Mail this completed form and your check to:

**Schenectady Amateur Radio Association**

**PO Box 449**

**Schenectady, NY 12301-0449**

You may also submit this form and your membership dues to the treasurer at any in-person SARA meeting.