

SARA NEWS

Schenectady Amateur Radio Association

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

Message from the President:

“What is this???” If you are like me, you have a collection of amateur radio-related components or devices that you have no idea what they do. Why not bring one of these gems to the next SARA meeting and ask your fellow hams for ideas about what it may be? Or send me a photo of it and we can publish it in the next SARA News.

Be sure to check out the Bouvet Island website for the latest news regarding this remarkable DXpedition: <https://www.3y0j.no/>

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. Also, please see page 4 of this newsletter for an update in the Broughton memorial scholarship award qualifications.

73, Jim WA2JMS



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

and will also be available via Webex.

Speaker: Mike Walker VA3MW

Topic: Software Defined Radio

Date: Monday, February 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: Mike will show how today's HF radio is not only better than yesterday's super-het radio, but how you get more performance for your dollar. He also will talk about how the new radios 'scale' toward the future and not grow old the day you buy it.

About Our Speaker: Mike Walker has been an active amateur radio operator since 1974, and loving every minute of it. His interests are repeaters, HF, HF contesting, satellites, and tinkering with EME digital modes and 10 GHz microwave. In addition to being a general aviation pilot, he loves HF station integration and remote HF operation. He currently represents FlexRadio Systems with the Marketing and Education team. He is very well versed in the FlexRadio technology. Technology is truly his hobby.

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).

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

Henry Broughton, K2AE Memorial Scholarship

A status report by Tim Long, W2UI

In 1998 we established the Broughton Memorial Scholarship with the ARRL Scholarship Foundation and provided the Foundation with \$119,550. To date, the earnings (minus awards) have amounted to \$75,944. The \$119,550 is restricted; \$75,944 is awardable.

We imposed conditions (Terms of Reference, TOR) that scholarship applicants are required to meet in order to qualify for the award. Those of you with a keen eye have noticed that the scholarship has not been awarded on occasion, and most recently not in 2022. Your Board of Directors agrees that the purpose is to award the scholarship and not to amass a larger pot of money.

We established a dialog with Jim Fenstermaker K9JF, ARRL Foundation Board Member and Scholarship Chairperson, and ARRL Honorary Vice President, to better understand the award process. We learned that:

- The ARRL Foundation awards scholarships based on high-to-low values. For the 2022-2023 scholarship award process, the high-to-low value of all scholarships ranged from \$25,000 to \$500.
- Reviewers are assigned to review TORs and match applications to each TOR specified by donors.
- Based on the number of scholarships and especially on the increased number of high value scholarships (say over \$5000) the Foundation added reviewers of which there are now twelve.
- Additionally, reviewers conducted fifty interviews of applicants for these high value scholarships.
- The scholarship reviewers are charged to follow the TOR as established by scholarship donors.
- The reviewers attempt to be as objective as possible as they analyze the applicants.
- There were nearly 200 applicants for the ARRL Foundation Scholarships.

Jim explained that the reviewers correctly awarded scholarships based on the TOR for scholarships and that none of the applicants met the TOR for the Broughton Memorial Scholarship for the 2022-2023 Foundation Scholarship Program. Jim suggested several changes for our consideration.

Your Board of Directors concluded that our conditions were too restrictive and needed to be relaxed. In our January 2023 Board of Directors meeting, we agreed to the following changes:

- Increase the award amount from \$2,000 to \$5,000.
- Increase the home residence requirement from within 70 miles to within 100 miles of Schenectady, NY.
- Relax the degree program from a technical or math discipline to a bachelor's degree or higher at an accredited four-year college or university.
- All other award criteria remained unchanged.

The latest correspondence with Jim Fenstermaker indicated that there were 305 applications received and that he was confident that our scholarship would be awarded.

SARA Board Meeting January 11, 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 (Webex)

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 7:03 PM.**Secretary's Report:** It was moved, seconded and carried to approve the minutes of the board meeting of December 14, 2022 previously circulated to the board by email. The December minutes will be published in the January 2023 SARA News (see page 4).**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. It was moved, seconded and carried to approve the Treasurer's report.**Program Committee:** There is nothing to report that has not been published in SARA News.**Public Service Events:** There are no known public service events to be scheduled at this time.**Broughton Scholarship Criteria:** Tim Long reported on a telephone conversation he had with Jim Fenstermaker, K9JF, on a landline concerning criteria changes to make the scholarship more attractive. It was moved, seconded, and carried to change the application criteria as follows:

#1 – Change the scholarship amount from \$2,000 to \$5,000.

#2 – Change the current preference of a student seeking a 4-year degree in engineering sciences to a 4-year degree any field of study.

#3 – Change the requirement to live within 70 miles of Schenectady to living within 100 miles of Schenectady.

Field Day: Tim Long reported that the Rexford Firehouse field has been secured for 2023. James MacMurray has started a new Broughton .io group for communication among those involved in FD.**SARA meeting location:** Jim Silva reported that we have been given approval to use the Alplaus firehouse for SARA meetings on all the dates we asked for in 2023. There is an annual \$100 item in the SARA budget for a donation to the Alplaus fire department. It was agreed to send a contribution to the Alplaus fire department in the amount of \$200 together with a cover letter explaining that some previously planned donations had been overlooked.**Encouraging meeting attendance:** Jim Silva reported on his conversation with Larry Grimmer about possible give-aways for SARA meetings.**New Business:**

Jim Silva reported on a note from former SARA member Nick Evetts FRAS, KC2VWR/2EOLUN. It was agreed that this is material for publication in SARA News.

Tim Long reported on communications from ARRL and the NNY Section Manager concerning the ARRL Volunteers on the Air activity. January 25 and May 24 are available operations from New York. This will be published in SARA News.

Bob Saltzman noted that the coming Ham Radio Expo is looking for volunteer speakers.

Paul Siemers noted that it is time to organize a nominating committee for SARA board members and officers for the coming fiscal year and to activate the Broughton Committee for the 2023 award.

Meeting Adjourned at 8:14 PM.

Submitted by Secretary Jim Stewart K2PK

SARA Board Meeting**February 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

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

*Time sharing with another Webex meeting

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 January 11, 2023 previously circulated to the board by email. The January minutes will be published in the February 2023 SARA News along with the minutes of this meeting.**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. It was moved, seconded and carried to approve the Treasurer's report.**SARA meeting location:** Tim Long sent a \$200 donation to Alplaus Fire Department in lieu of rent. The check has not been cashed and we have not heard anything from them.**Program Committee:** Jim Silva reviewed the coming meeting programs as published in SARA News.**Public Service Events:** There are no known public service events to be scheduled at this time.**Broughton Award Nominating Committee:** Jim Silva reported that the Broughton Award Nominating Committee is up and running. We need to start an officer and board nominating committee for the election at the June annual meeting.**Broughton Scholarship Criteria:** Tim Long reported that the ARRL person in charge, Jim Fenstermaker K9JF, will change the application criteria to our new ones and he expects that there will be at least one applicant this year.**Field Day:** Board members discussed arrangements for the coming Field Day operation.**Repeater:** Board members discussed the status of planned improvements to the 2 meter repeater.**New Business:** None.**Meeting Adjourned** at 7:51 PM.

Submitted by Secretary Jim Stewart K2PK

SARA Trading Post

Classic Ham and test gear looking for a good home!

K8TM (K8TM@arrl.net) is making these items available for free, but donations would be appreciated. All proceeds go to charity and SARA.

Knight T-150 CW transmitter. 150 watts, 80-6 meters, built-in VFO. Tested and has output. Includes original manual. Excellent cosmetic condition.

Hewlett Packard 184A oscilloscope. 4 channel solid state analog scope. Works well.

Heathkit DX-40. 75W CW transmitter with original manual. Excellent cosmetic condition.

Heathkit SB-104 solid state transceiver with power supply and speaker. For parts.

Heathkit SB-500 2-meter transverter. Rare. Untested.

Meissner Signal Shifter Model EX. QRP VFO 6 Watt transmitter-exciter, 80-10 meters

For Sale: From the estate of William Schultz, KB2IZ (SK)

Kenwood TS-520TS

Kenwood VFO 520-S Remote VFO

Both in good condition

\$150 for both (Funds to benefit SARA)

Email Jim Silva WA2JMS for details (JSilva.ny@gmail.com)



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



SARA Members—Have an item for sale? Contact Jim WA2JMS with a description, asking price, and contact information, and we'll publish it in SARA News.

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.
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

Phone: (518) 877-8032

Vice President

Skip Evans, W2YJL

Email: ShortSkip86@gmail.com

Phone: (518) 399-5538

Secretary

James Stewart, K2PK

Email: k2pk@arrl.net

Phone: (518) 399-1867

Treasurer

Tim Long, W2UI

Email: tlong1@earthlink.net

Phone: (518) 399-7454

Directors

Dean Poeth II, K8TM

Email: K8TM@arrl.net

Phone: 518-377-4041

Paul Siemers, WY2F

Email: psiemer2@nycap.rr.com

Phone: (518) 371-0215

Bob Saltzman, WB2ARK

Email: saltzman@nycap.rr.com

Phone: 518-370-2222

John Clement, NM2R

Email: jtcsrvbi@gmail.com

Phone: 518-522-4829.

SARA Standing Committees

SARA Newsletter

Jim Silva - WA2JMS

Email: JSilva.NY@gmail.com

Phone: (518) 877-8032

Elmer and Antenna Party

Tim Long - W2UI

Email: tlong1@earthlink.net

Phone: (518) 399-7454

K2AE Repeater Trustee

George Burns - W2SFD

Email: w2sfd@arrl.net

Repeater

Scott Krone - N2YCA

Email: 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

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.