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Albany Amateur Radio Association

B-PLUS

Jan 2023



→ **This Space**
Available ←
B-PLUS Editor

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[AARA Meeting](#)
[Wednesday, Jan. 11,](#)
[2023, Via ZOOM](#)
[7:30 PM](#)

(Link should be
active about 7:15
pm)

Click above

Program

- **TBA**

Please **PAY** your Dues.

AARA Dues

Dues cheerfully accepted;

Dues are \$20.

Checks can be sent to:

Saul Abrams, K2XA
307 Maple Rd.
Slingerlands, NY 12159

AARA By-Laws Change

MEETINGS

The following AARA By-Laws was voted on at the December 9, 2022 Meeting. **(Changes in RED and underlined)**. The vote was unanimous.

Regular meetings shall be held **each month** from September through June **on a date and time set by the Board of Directors. Meetings may be in-person or virtual.** The meeting date may be changed due to a conflict of the normal meeting date with holidays or due to emergencies. Effort will be made by the Officers to contact all members and notify them of meeting date **or format** changes by the most expeditious method.

Special meetings of the AARA may be called by the Board of Directors, by the President, or upon request of 25 members sent by written notice to the Secretary. All members must be notified, at least one week before the date of the special meeting.

At the AARA board meeting which followed the December 2022 AARA meeting, it was decided that AARA would meet the second Wednesday of the months of September through June. The meeting place search would begin shortly and the next meeting will be January 11, 2023.

AARA Elections – Your ‘New’ Officers for 2023

John K2QY - President
Gerry WA2IWW - VP
Bruce WA3AFS - Secretary
Saul K2XA - Treasurer
Don KB2SCO - 3-year Director
Ernie K2EP - 1-year Director

Words from EI Presidente (John, K2QY)

First of all, let me wish everyone a happy and healthy New Year! And I have some really good news!

As many of you are now aware, our next meeting of the AARA will be a ZOOM meeting held this Wednesday at 7:30pm..... As usual the ZOOM begins at 7:15pm for a few moments of chatting before the actual meeting begins. The American Legion Blanchard Post unfortunately is totally reserved that evening. Note that this is a change from the second Friday of each month, our usual meeting night. If you set yourself up an account in GROUPS.IO you can search for K2CT-AARA and get the latest ZOOM invites and meeting details.

So, what's the good news you ask? We have been offered a meeting place that will work out much better and more consistent than the American Legion Post. Michael Brodeur N2NSL, who is on the board of the Slingerlands Fire Department has offered us the use of the fire department for our monthly meetings. Many of you have met Mike at some of our Field Day and Winter Field Day events. Since we have decided to try a different meeting night we had settled on the 2nd Wednesday. Unfortunately, the fire department is obligated that evening, HOWEVER the first or third Wednesdays are open.

Meeting at the American Legion, while it has got us back to in person meetings, is not consistently available without difficulty. While Scott Anson N2SEA has been extremely helpful letting us meet at the post, we are held at bay pending another group reserving the space. We get bumped when another group is paying full price.

My recommendation is to accept the invitation by Mike N2NSL at the firehouse and change to the first Wednesday of the month. I feel that the first Wednesday is a better choice as if we went with the 3rd Wednesday, we would be backed up pretty close to both Summer and Winter Field Day not leaving enough time to make any last-minute changes. Also, if we go with the first Wednesday, we could combine a joint meeting with the ACACES group thus benefiting both groups. ACACES has 401C3 tax exempt status which the AARA also shares the benefits of occasionally. All things considered this is probably the best option going forward.

I have asked the BOD for their thoughts on this change and hope to have a report by Wednesday at our ZOOM meeting. We can also hear any comments from the floor at the same time.

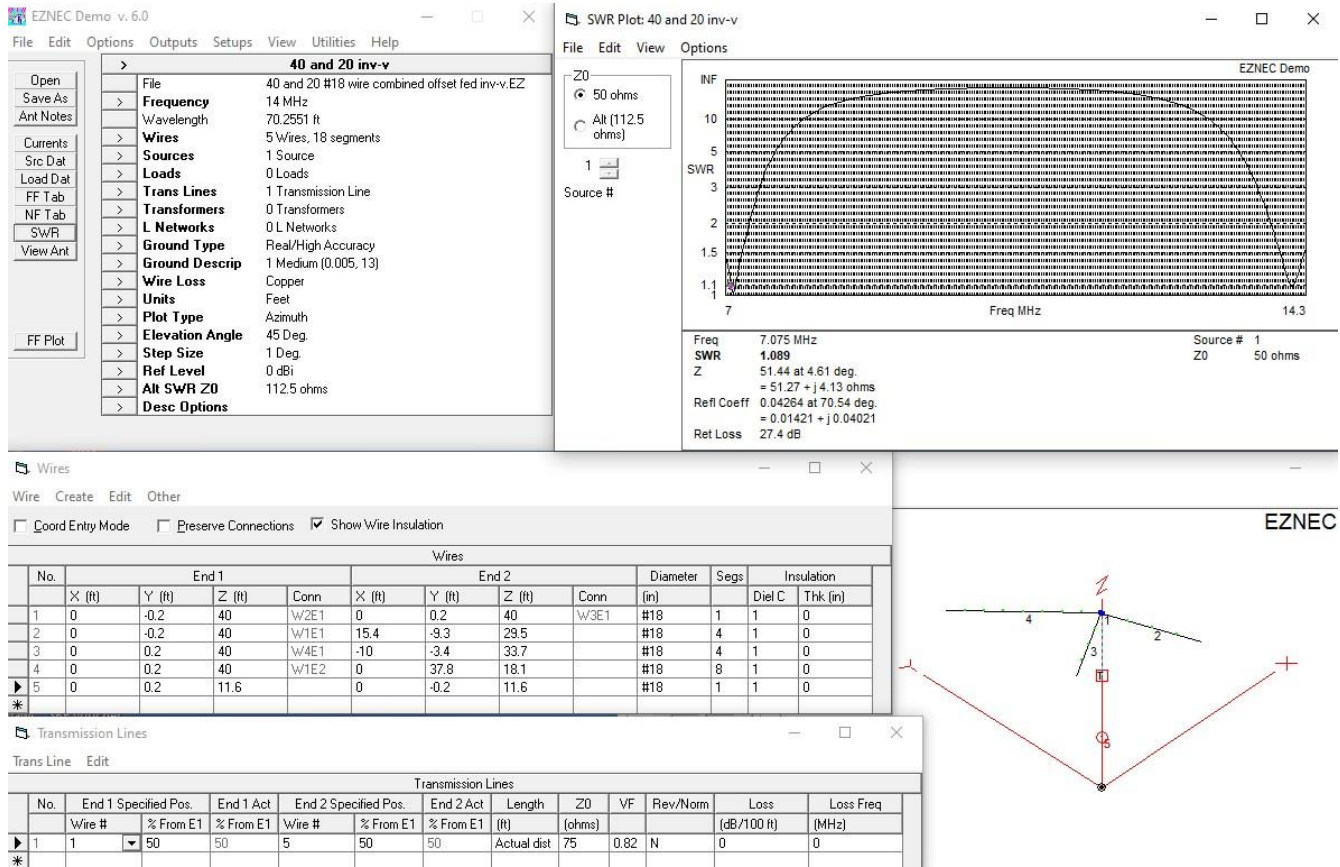
Vry 73 de K2QY

Fred's Sandbox (Fred, K2TR)

Bruce WA3AFS, our B+ editor, asked me to do a monthly column. Of course, I said "Of course!" After all, I'm always daydreaming, so why not share.

The first column is about a 40 and 20 meter POTA INV-V antenna that I configured and optimized. The center support is a fiberglass extension mast; 40 feet high. For strength purposes you'd buy a taller mast and leave the smallest section telescoped inside. The #18 antenna wires are used as guy wires for the mast. The guys go in three directions, 120 degrees apart, and are sloped at 30 degrees from the ground. The feedline is light and cheap RG-6U.

The concept starts with a 40 meter INV-V fed with $\frac{1}{4}$ wavelength of 75 ohm coax. (Wires 2 & 4 in the picture) The $\frac{1}{4}$ wavelength feedline transforms the 50 ohm transmitter to 112.5 ohm at the antenna. In order to achieve a 50 ohm match to the transmitter, the antenna would be offset fed at the 112.5 ohm point. So, now that we have one long end and one short end, I added a third wire #3 tuned to 20 meters, and offset fed slightly using wire #2 as the other side of the dipole. Now, here's the magic, the feedline length is $\frac{1}{2}$ wavelength on 20 meters, so there is no impedance transformation in the feedline. The antenna is resonant at 50 ohms, and the 75 ohm coax simply repeats the 50 ohm antenna to the transmitter.



I have not built this yet, so the design has been adjusted to reality, but should be very close.

I did not search the QST and QEX archive to find if this design is original. I wonder if anyone has seen this concept elsewhere. E-mail me with comments or suggestions. felasstic@yahoo.com

B+ Editor Needed

Pardon the roughness of this edition of B+. AARA needs a real editor (and lots of contributors). Contact any officer of AARA if you are interested.

For Sale:

Uniden BCD536HP. One owner.

AC Power cord, USB programming cable, Telescoping antenna, Manual



Non- Smoking pet-free home.

\$250

If interested, contact Bruce, WA3AFS (wa3afs@arrl.net, 518 894-2168)

Editor's Pick

[DX Bulletins](#)

<https://study.affirmatech.com/>

This Space Available

- Product Review...
- Experience Review
- Ham radio related poetry
- Celebrating a Ham radio related milestone (1st QSO, ham radio license anniversary, etc.)

Contact the editor at least 2 weeks prior to the monthly AARA meeting

Amateur Radio Extra Class Licensing Course (via ZOOM)

A free, weekly, live, Amateur Radio Extra Class Licensing course on Zoom will begin on Thursday, January 12, 2023, and will run through Thursday, March 23. There will be 11 sessions. The three-hour sessions will start at 6:30 PM Eastern Time. Sessions will be recorded. Those attending should hold (or be studying for) the General Class Amateur Radio License. These are the classes that we have been holding for years sponsored by the National Electronics Museum. Those wishing to sign up should email roland.anders@comcast.net.

AARA Weekly On-the-Air Net

Tuesdays, 7:00 PM on the K2CT repeater (145.19 tone 103.5)

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