

B-PLUS

Albany Amateur Radio Association – AARA

February 2023

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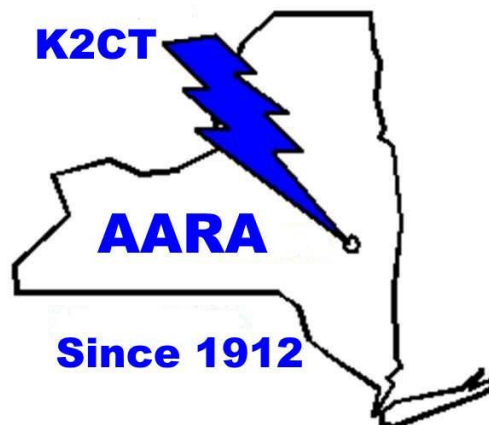
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B-PLUS Editor
Vacant



[AARA February Meeting](#)
[Virtual \(Zoom\) – February 1st](#)
[7:30 PM](#)

Program: To Be Announced

PLEASE Pay Your Dues
Dues are \$20
Checks can be sent to:

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

Words from the AARA President (John, K2QY)

They say if you want to get something done, give it to a busy person. As busy as many of us are, many of us volunteer as time permits, either helping with Field Day, holding an office in one or more clubs, teaching a class, participating in ARES/RACES or holding an ARRL Field Services position. Sometimes there is recognition for such service, many times there is not. Almost non-existent is public awareness of the things we do providing communications for a parade, marathon or even disaster mitigation.

The ARRL Director of Operations Bob Naumann W5OV and ARRL Radio Sport Manager Bart Jahnke N9JJ have announced that 2023 is the “ARRL Year of the Volunteer”. The ARRL is holding a yearlong event called Volunteers On The Air (VOTA), celebrating the abundant volunteer support and contributions made by its members every day. From January 1st through December 31st, 2023, hams may participate in VOTA events which include weeklong W1AW/portable operations in all 50 states and US Territories. Information can be found on the ARRL website at <https://vota.arrl.org/> The interesting thing about the VOTA events is if you already hold a volunteer position of some type, you are worth points! The points range from as high as 300 for the ARRL president to 1 point for someone who is simply an ARRL member! There are “chasers” who are looking to make a big score of points. So get on the air and have fun!

While that is the fun thing, I challenge everyone to consider volunteering for just one thing this year that they have never tried before. Maybe put together and teach a class, offer to teach Morse code to some Boy Scouts, perhaps setup and arrange a dinner event, or how about arrange a SOTA or POTA operation? Imagine if all 780,000 U.S. ham radio operators accomplished one project, no matter how small. I guarantee that yes there will be some work and things to figure out on the fly, a couple of hurdles to overcome, but when all is said and done, and you look back you will think to yourself “look what I accomplished!” It really was enjoyable to give back just a little, and I can’t wait to do it again. Let’s all try to REALLY make 2023 the ARRL Year of The Volunteer.

Vry 73 de,
John
K2QY

Winter Field Day (Lawson Lake County Park)

Contact KM2O Dave

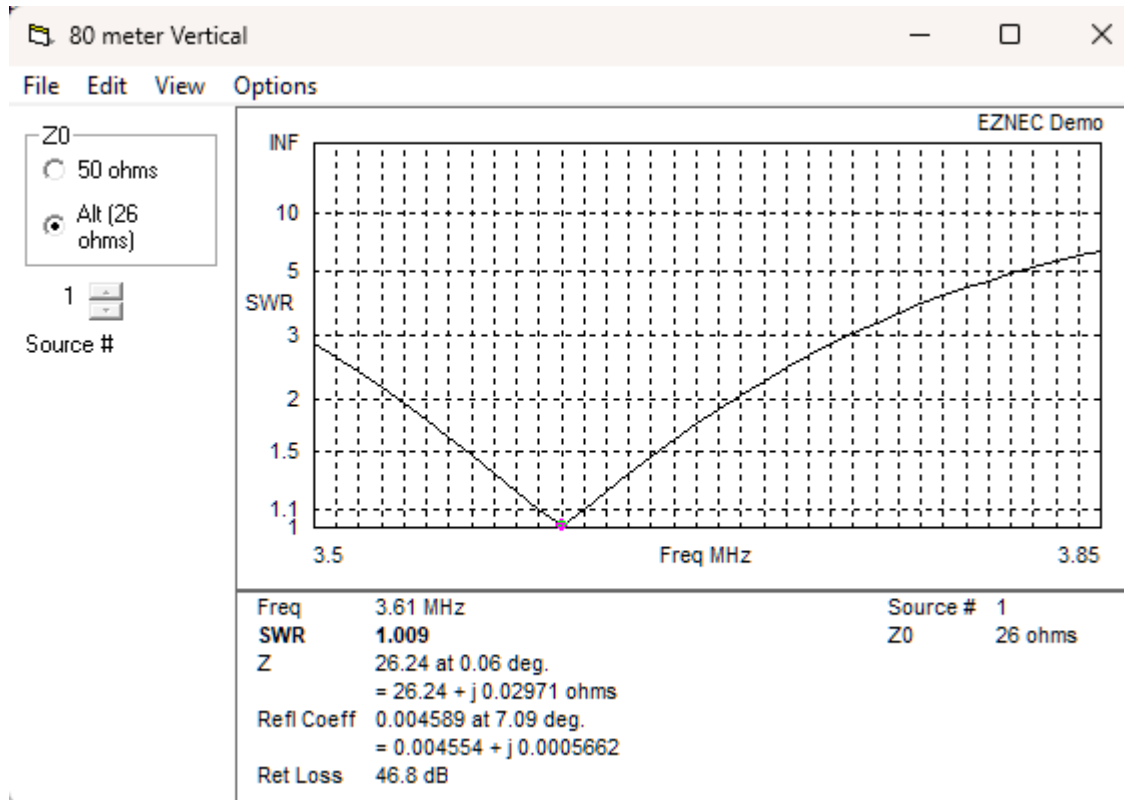
- ✚ Set up Friday January 27 2 PM
- ✚ Set up Saturday January 28 8 AM
- ✚ Operate Saturday 2 PM – Sunday 2 PM



→AARA Meetings are now the 1st Wednesday of each month and starting March 1st will be held at the Slingerlands Fire House←

Fred's Sandbox...A Double L Antenna for 80/75 (Fred, K2TR)

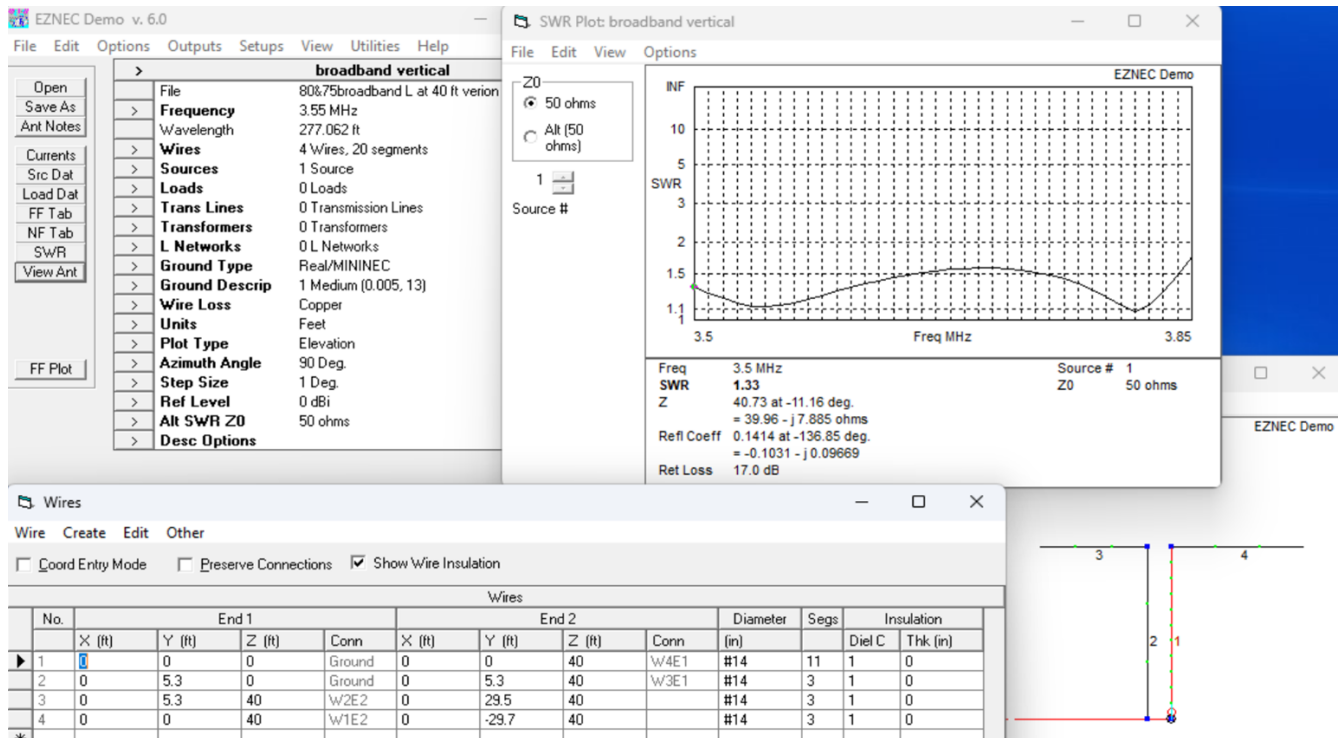
Have you ever wanted to erect an inverted L for 75 & 80 meters but didn't want to bother matching it to 50 ohms and/or switch in an inductor for 80 CW? Unfortunately, an inverted L impedance calculates to 26 ohms. A normal SWR curve for an inverted L after matching to 50 ohms would look like this:



Note that this SWR curve is too narrow for both phone and CW simultaneously.

To match an Inverted L to 50 ohms and also make it broadband I have borrowed an idea from an OWA style broadband Yagi where the first director is spaced very close to the driven element and tuned to a second frequency higher in the band. Next, I used EZNEC to configure the second L element with the top section going in the opposite direction as the horizontal portion as the driven element horizontal section. The result is an antenna that can be strung between trees much like a dipole. Below is the EZNEC files for an antenna I call a “double L”. I set the height to 40' and optimized the spacing and lengths for 1.1:1 SWR at two frequencies, 3550 and 3810.

Just like last month's column, I have not seen this design anywhere, have you?
 If you have any ideas for future columns, please email me at felasstic@yahoo.com



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

This edition produced by Bruce, WA3AFS and Don, KB2SCO.

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 Picks

[DX Bulletins](#)

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

[Antenna Installation](#)

[AARA Membership Form](#)

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

Watch for 'Recipe' Article Next Issue

AARA Weekly On-the-Air Net

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

Watch For:

The New York State Phone Traffic and Emergency Net (NYSPTEN) -6 PM daily on 3.925 Mhz is looking for:

- Check-ins (with or without traffic)
- Net Control for Monday evenings (No experience necessary and comes with a nice benefits package)

Contact Bruce, WA3AFS or check-in the net for any questions.

Edited by Bruce Goldstein, WA3AFS, 260 New Salem South Rd., Voorheesville, NY 12186 518 894-2168. Articles and B-PLUS Swap Shop items accepted and solicited via mail, phone, or e-mail to wa3afs@nycap.rr.com
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