

# SARA NEWS

SCHENECTADY AMATEUR  
RADIO ASSOCIATION, INC.

"SERVICE THROUGH  
AMATEUR RADIO"

FOUNDED 1930

K2AE REPEATERS

<http://www.k2ae.org/>

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January, 2013

General Meeting, January 7th, 2013 at 7 PM, Niskayuna High School Little Theatre

## Implementing Power and Grounding Solutions

*Ray Feurstein*

The January Program features Ray Feurstein presenting part of a training course he developed for engineers and technicians on evaluating international communication systems.

Ray is a retired Verizon Field engineer of 30 years. One of his duties was as a domestic and international systems analytical investigator for power and grounding and a communications disaster recovery and counter terrorism strategic planner. In this role he developed a process for testing and implementing power and grounding solutions for multimillion dollar companies as well as military, government/private nuclear facilities and law enforcement groups. This evaluation process included antenna tower, commercial and standby power sources and the grounding required to maintain large communications system. He also developed a training program for Verizon techs and engineers so they can evaluate systems globally. This presentation is one part of a three and a half day course study and certification for this audit/evaluation process. Ray holds 2 US patents and is working on a third at this time.

The third incorporates a high energy photon emitter that will be able to divert particle energy (plasma lightning) away from building structures prone to lightning strikes.

The SARA meeting will be held Monday, January 7th, 2013 at 7 PM in the Little Theatre of the Niskayuna High School on Balltown Road. Attendees should enter the school through the cafeteria entrance located on the side of the school, adjacent to the Nott Street Extension school parking lot.

**Cancellations:** If Niskayuna High School cancels evening classes and activities the SARA meeting will normally also be cancelled and possibly rescheduled. Listen in on the SARA 147.060 repeater for meeting status information and whether it is to be rescheduled.

## President's Column

*Jim K2PK*

The turning of a new year means the end of the year of the ARRL Diamond DXCC Challenge for working as many as possible of the entities on the original 1937

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# SARA NEWS

There was no December Board Meeting; instead the membership had a great time at the Holiday Get-together





# SARA NEWS

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DXCC list. How many SARA members achieved (or tried) to obtain this award? Let me know what your final count is and I'll list it here in the SARA News. Thinking of the Diamond DXCC Challenge leads me to wonder what other amateur radio related activities we took part in during 2012? Maybe:

Achieving an operating award, whether DXCC, WAZ, VUCC, WAS, WAC or one of the host of more specialty-type awards.

Something technical, maybe building a kit or making a piece of equipment or antenna from scratch.

Participating in traffic or emergency nets, a public service operation or being part of emergency communications.

Being an Elmer, introducing someone to amateur radio or acting as a mentor.

Collecting or restoring a piece of antique radio equipment or discovering something about the history of radio or other means of communications.

Learning something new to you, or maybe new to everybody.

And let's not forget the fun of just being on the air, meeting people, and enjoying the diversion from some of the trials of everyday life.

Did anything on this list stir up some aspirations or goals for the coming year? None of us have exhausted the possibilities. We always need additional VE's, articles for SARA News, Field Day participation, and just general attendance at club meetings.

If there is something that stands out regarding your

amateur radio activity in year 2012, please let me know. I am not trying to make a catalog of everything, but simply to collect a short list to put together an article or articles that could stimulate some of our other members, especially newcomers, to try something new or different. It would also give us something to use when we have opportunity to speak to others about who we are and what we do. We might be able to make some posters to show visitors at Field Day or other events we may do like the Glenville Winter Fest. Or, we might be able to have a share-the-fun SARA meeting.

What excited you about this hobby in 2012? In the meantime, Happy New Year!!

### A Reminder from Your Editor:

Please send me your articles, pictures and comments for SARA News. My email addresses are [antje1@yahoo.com](mailto:antje1@yahoo.com) or [kc2dtp@gmail.com](mailto:kc2dtp@gmail.com). If you have articles or pictures in paper form, please send them to me at:

Antje Dirksen-Post, P.O.Box 31, Sodus NY 14551.

I will gladly scan them into digital form and add them to SARA News.

### SARA Dues Reminder

Have you paid your dues yet? The SARA membership year runs from July to June and the 2012-2013 dues are due. Please use the form on the last page or see Tim, W2UI, treasurer at the meeting.

### VE Examination

Just FYI, I scheduled an exam session for the next general meeting - January 7 @ 6PM. For more information, please contact Al Kozakiewicz, AB2ZY [akozak@hourglass.com](mailto:akozak@hourglass.com); 604-4128

## Board Of Directors

Pres: James Stewart K2PK [k2pk@arrl.net](mailto:k2pk@arrl.net) 399-1867  
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## Standing Committees

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**FCC Exam Registration (518) 604-4128**



**SARA**  
 Schenectady Amateur Radio Association, Inc.

**MEMBERSHIP**  
 APPLICATION/RENEWAL FORM

Regular Dues	\$20.00	\$ _____
Spouse	\$5.00	\$ _____
Student	\$5.00	\$ _____
Repeater Donation		\$ _____
Initiation Fee	\$5.00*	\$ _____
Name _____	Call _____	
E-mail _____		
Street _____		
City _____	State _____	Zip _____
Phone _____		
ARRL _____	RACES _____	ARES _____ MARS _____

Send to SARA, PO Box 449, Schenectady, NY 12301  
 July, 2012 through June, 2013

## SARA/K2AE Repeaters

Status	ON AIR	ON AIR	OFF AIR	ON AIR
Band	6-Meters	2-Meters	1.25-Meters	70-Centimeters
User TX	52.570 MHz	147.660 MHz	222.460 MHz	449.200 MHz
User RX	53.570 MHz	147.060 MHz	224.060 MHz	444.200 MHz

## Schenectady County Emergency Net

Band	Repeater	Time	NCS
70cm	444.200Mhz+	1:00 PM	Raleigh K2RI
2m	147.060Mhz+	1:30 PM	Raleigh K2RI
75m	3953KHz	2:00 PM	TBA

## Schenectady County Emergency Net

SARA members act as Net Control Stations for the Schenectady County Emergency Net (SCEN) on Sunday afternoons. The nets are open to all amateurs; ARES RACES membership is not required to participate. The purpose of the nets is to train, pass any traffic that you might have and any announcements of general interest.