

# SARA NEWS

**SCHENECTADY AMATEUR  
RADIO ASSOCIATION, INC.**

**"SERVICE THROUGH  
AMATEUR RADIO"**

**FOUNDED 1930**

**K2AE REPEATERS**

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

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June, 2013

General Meeting, May 6th, 2013 at 7 PM, Niskayuna High School Little Theatre

## **SARA General Meeting**

*Annual Elections and Awards*

## **President's Column**

*Jim K2PK*

SARA Meeting June 3rd, 2013. Do not miss this meeting. We will have the annual election of board members and officers, as well as the Broughton award and other recognitions. The Broughton award will be presented by Mike Lisenco, N2YBB, Director Hudson Division of the ARRL. Mike will speak to club members for the first time since his election. Please plan to be there!

## **Public Service**

*Ken AA2CW*

The Crop Walk communication participants were KB2TSA, AA2CW K2RI, KG2AO, KB2SWR and N2PEQ.

The Niskaday communication participants were AA2CW, K2RI, KG2AO, KB2SWR, N2PEQ, W2XAD, W2SID and W2JVF.

The Scotia Parade was cancelled because of storms.

Buried in the middle of John Quinlan's SkyWarn program at the May meeting was a brief item of interest to us as radio amateurs that had nothing to do with spotting hazardous weather. In showing conditions that could lead up to storms he talked about stable and unstable atmospheres and showed the stable atmospheric conditions existing on the day of the meeting. Not mentioned, but clear from his graphic, was the fact that along with this stable atmosphere we had a temperature inversion. Normally air temperature decreases with height above the earth. If the air temperature increases instead of decreases, or it decreases at an abnormally low rate, the condition is called a temperature inversion. He did not mention the temperature inversion, although it was clear from his graphic. Sometimes it is possible to see a temperature inversion, such as when smoke from a chimney rises and then seems to flatten out and not rise any farther. Sometimes a temperature inversion traps mist near the earth and reduces visibility.

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## **SARA Board Meeting**

*May 8th, 2013*

**Attendance:** Board Members President James Stewart, K2PK, Vice President Craig Wood, W2XAD Secretary Dan Fiorillo, KC2MER, Treasurer Tim Long, W2UI Directors Hal Post AK2E and Frank Simon, WB2PUH, Al Kozakiewicz, AB2ZY Board Meeting called to order 7:00 pm, by President Jim Stewart.

**Secretary's Report:** given and accepted as published.

**Treasurer's Report:** Given and accepted

**New Members:** No new members this month

**Repeater:** No activity this month. Scott Krone had reported that he has been busy with his work and would be finding time in the future to work on the clubs Radio equipment.

**Programs:** The June meeting will have Mike Lisenco, Director from the ARRL Hudson Division has been invited to give an update and assist the SARA Board with the annual election of officers and presentation of the Broughton Award.

**Nominating Committee:** The Nominees for 2013-2014 Board of Directors has established by the nomination committee., are as follows: Craig Wood, President. Jim Stewart, Vice President. Tim Long, Treasurer. Hal Post, Secretary. Board Members Frank Simon, Jim Silva, Al Kozakiewicz Paul Siemers

**Old Business** A donation has been received toward the purchase of Coffee Mugs with the club insignia on them. We have run out of mugs, and the Board would like to continue the practice of offering a mug to our monthly speakers and to new members. Price of mugs to be determined, may need additional funds from the club treasury to make the purchase.

**New Business:** Karen Wood N2WDL, will be Field Day Chairperson for this year. She has been promised assistance from the former Chairperson, and other Board members. All members are asked to assist with the many task in completing the Field Day, such as, planning, getting equipment to the site, food, setup, operations and tear-down.

The Town of Niskayuna Sports Committee is aware of the Field Day dates and has penciled in the weekend of June 22, 23 for SARA's use of the Aqueduct Road complex.

Glady Zickler's equipment has been donated to SARA for it's use. Equipment includes, Transceivers, Power amplifiers, power supplies to name a few items. The transceivers will be utilized during June Field Day activities. The Board will determine how it will otherwise use the equipment, or offer it for sale.

Meeting adjourned at 8:20 PM Submitted by Secretary Dan Fiorillo, KC2MER



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This kind of stable atmosphere with a temperature inversion is the cause of tropospheric ducting, which results in tropospheric openings on the VHF bands. Interestingly, during late morning of the very day of the meeting I heard a tropospheric opening on 6 meter cw with several beacons coming through, and for a short time VE9AA in FN66 with a strong signal. When I saw the graphic I wished I had listened on 2 meters as well to see what might be there.

One thing we have lost with the conversion to digital television is the ability to easily use television signals to spot this kind of opening. When I lived in Syracuse a Kingston, Ontario television station would occasionally come through. Likewise from Speculator I saw channel 8 from Rochester and channel 12 from Binghamton occasionally. Tropospheric openings are especially common along the Atlantic coast where television stations could occasionally be seen from up and down the coast. Good tropo conditions add interest to the ARRL June VHF Contest when they occur. Maybe this will happen again this year.

It hardly seems possible that the June meeting is coming up with the annual election of board members and officers, as well as the Broughton award and other recognitions. It also hardly seems possible that I have had a full term of writing these monthly columns. Thank you all for your participation in SARA this past year. Have a great summer and don't forget to check the June VHF Contest for tropospheric opening.

73, Jim K2PK

### For Sale:

Dozens of pieces available - Connectors, adapters, gender benders, splitters, right-angle connectors: chassis-mount, cable-mount; SO-239/PL-259, BNC, TNC, Type N, SMA, Type F, others. The price is \$1/item, except for the type F males, which are worth much less. See me at AARA meeting or SARA meeting, or contact me beforehand. Bob, w2xm@arrl.net, 459-8435

I sold many of the items from W2HFN's estate that I had for sale at the East Greenbush ARA hamfest May 11. I did not sell the antennas. The antennas are at my home.

For 2 meters: (I don't know much about this one.) A Cushcraft or Diamond brand vertical, which I think is five quarter wavelengths tall (the optimum height for low-angle radiation and, yes, it has gain over a half-wave dipole). I'm thinking "\$75;" for now, that price is firm.

For 40, 30, 20, 17, 15, 12, and 10: Cushcraft R-7000. With detailed assembly/installation manual. \$250, firm for now.

This one's advertised description has changed: For 75/80 and all other HF bands: 132' of insulation-coated 450-ohm balanced line fed with 75'-100' of insulation-coated 75-ohm balanced line. Fraying at a few spots. \$65 73, Bob, W2XM W2XM@ARRL.NET (518) 459-8435



## Report from the Dayton Hamvention 2013

Dayton Hamorama 2013 - AK2E

I arrived at Dayton on Wednesday afternoon and rested up for the Tour of the USAF Wright-Patterson AFB Museum On Thursday. I remembered to get there early so I didn't have to walk the length of the parking lot. Good move as it was again drizzling rain all day. The Museum is almost worth the trip.

Friday morning I was off to the Dayton Hamfest. No rain but moist and foggy. The flea market areas were full.

If you can't find what you are looking for at Dayton, it hasn't been made yet! As in most flea markets most every seller is eager to bargain and not has to haul the items back home. I got through almost half the

Flea market by 1 PM before heading inside to see the manufacturers, and different commercial vendors. By this time I had run into at least 50 hams that I have got to know through the years.

Rich Moseson W2VU (editor of CQ) came out behind the CQ counter to greet me. I first met Rich back in 1980. He was also part of the 1980 Olympic Torch Relay Team.

Yaesu was not passing out hats this year! All the major ham equipment manufactures were there. It is a great opportunity to play with the new radios Etc. and have all your questions answered by knowledgeable factory reps.

The ARRL area was well represented and I got to visit many friends from HQ.

Friday evening was spent with friends from our early morning "Nutfactory Net". We usually stay at the same motel and go out to eat together for dinner (as well as breakfast).

Saturday started out the same but started raining by 10 AM. Plastic covers came out for the un-tented tables, and everyone headed inside. It stopped raining after an hour or so, but humidity and temperature outside made it very uncomfortable for the flea market area. I spent the rest of

the day inside looking at the new equipment ETC.

Saturday evening's "Rib eating contest" became a non-event. The restaurant was out of ribs! So we had some pulled Pork sandwiches etc. A well-dressed young lady came over to our table and asked us how our meal was. We replied it would have been better if they had the ribs we came for! She was unaware of that and excused herself. She was back

Shortly and told us the new batch of ribs would be finished in about 10 min. and said we could have a full rack free, on the house. WE were already full so she put on the back of her business card that we would have the free ribs next year. She was the 1st Vice President for that restaurant chain.

Sunday morning - finished up the flea market area and went back inside. The place was virtually empty of Hams.

Sunday morning is a fantastic time to bargain (not even the vendors wants to haul their goods back home).

All the vendors were there, so I had a good chance to ask questions for some of the equipment that I didn't get to before.

It takes at least 2 days to get through the flea market area and also to cover the majority of the vendors inside.

Dress in layers as it is nippy in the morning and roasting by noon. Bring rain protection and some kind of shopping cart if you plan on buying anything. The restrooms are reasonably clean for the size of the crowd. There are plenty of food vendors inside and outside.

If you plan on going, be sure to get motel reservations in early. (We have a 10 min. drive from motel to the conventions grounds)

73  
Hal

(Pictures on the next page)

# SARA NEWS

Report from the Dayton Hamvention 2013  
Dayton Hamorama 2013 - AK2E



## Board Of Directors

Pres: James Stewart K2PK [k2pk@arrl.net](mailto:k2pk@arrl.net) 399-1867  
 VP: Craig Wood, W2XAD, [w2xad@nycap.rr.com](mailto:w2xad@nycap.rr.com), 370-5224  
 Sec: Dan Fiorillo KC2MER [fiorillo.dan@verizon.net](mailto:fiorillo.dan@verizon.net) 356-3595  
 Treas: Tim Long, W2UI, [tlong1@earthlink.net](mailto:tlong1@earthlink.net) 399-7454

## Directors

Hal Post AK2E [ak2e@arrl.net](mailto:ak2e@arrl.net) 306-6817  
 Al Kozakiewicz, AB2ZY [akozak@hourglass.com](mailto:akozak@hourglass.com) 604-4128  
 Frank Simon, WB2PUH, [simonf072@strose.edu](mailto:simonf072@strose.edu), 477-5255  
 Ken Day, K2DAY [k2day@nycap.rr.com](mailto:k2day@nycap.rr.com), 858-2056

## Standing Committees

SARA News: Antje Dirksen-Post N2OMA,  
[antje1@yahoo.com](mailto:antje1@yahoo.com), 315-483-0524  
 Elmer: Tim Long, W2UI, [tlong1@earthlink.net](mailto:tlong1@earthlink.net), 399-7454  
 Antenna Party: Tim Long, [tlong1@earthlink.net](mailto:tlong1@earthlink.net), 399-7454  
 K2AE Trustee: Hal Post AK2E [ak2e@arrl.net](mailto:ak2e@arrl.net) 381-6817  
 Rptr: Scott Krone N2YCA [n2yca@nycap.rr.com](mailto:n2yca@nycap.rr.com) 273-1610  
 RFI/TVI: Rudy Dehn W2JVF [w2jvf@juno.com](mailto:w2jvf@juno.com) 372-6139  
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[AA2CW2010@yahoo.com](mailto:AA2CW2010@yahoo.com) 861-6825  
 VE Team: Al Kozakiewicz, AB2ZY [akozak@hourglass.com](mailto:akozak@hourglass.com)

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



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  
 June, 2013 through July, 2014

## 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.