

SARA NEWS

**SCHENECTADY AMATEUR
RADIO ASSOCIATION, INC.**

**"SERVICE THROUGH
AMATEUR RADIO"**

FOUNDED 1930

K2AE REPEATERS

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

©2011-2012 SARA saranews@k2ae.org

February, 2012

General Meeting, February 6th, 2012 at 7 PM, Niskayuna High School Little Theatre

Battery Chemistry in the Real World

with Brandon Bartling, PhD, GE Global Research

The speaker will be Brandon Bartling from GE Global Research. He is originally from Nebraska. After graduating from University of Nebraska-Lincoln in chemical engineering he worked for Energizer Battery Company for 8 years. During this time he worked some in a quality engineering role, but mostly in a technology engineer role. He graduated with his PhD in chemical engineering from Case Western Reserve University in 2010 and has been working at GE Global Research on their Sodium-Nickel Chloride battery since September of 2010.

His talk will focus on chemistry and design related nuances of traditional consumer batteries and how these difference translate into real world applications and problems.

The SARA meeting will be held Monday, January 9th, 2012 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.

Local Technician Ham Classes offered

via K2HAT Lee Hatfield

Capital Area Radio Enthusiasts (CARE Group) is offering 2 Technician courses <http://hamsthatcare.com/?p=1>

The February 4-5, 2012 classes start at 8:00 A.M. at Academy Hall, RPI (Rensselaer Polytechnic Institute)

The March 3-4, 2012 start at 8:00 A.M. and will be held at the East Greenbush Masonic Temple

Full day of classes on Saturday with live radio demonstrations Review and exam on Sunday.

The Cost: \$60 – Includes text, packet, meals/refreshments and exam fee. The fee includes Gordon West Technician Study manual, various reference charts, a welcome letter containing class overview study practices, other info facts,

Pre-Registration is Required To register, use the form on the website <http://hamsthatcare.com/?p=1> or contact:

WB2FOB@ARRL.net or K2CK@ARRL.net



Board Meeting

SARA Board Meeting, October 12th 2011

Attendees:

President, Hal Post, AK2E
 Vice President James Stewart, K2PK
 Treasurer, Tim Long, W2UI
 Secretary, Dan Fiorillo, KC2MER
 Board - Craig Wood, W2XAD,
 Frank Simon, WB2PUH,
 Dan Miller, KC2VEX, Pres. SMARA
 Called to order at 7:05 PM by President Post

Secretary's Report: given by Dan Fiorillo accepted as published

Treasurer's Report: Given by Tim Long, accepted

New Members: Mathew Montalbano, KC2FDQ

Repeater: No action on repeater upgrades.

Occasional Interference was reported on repeaters located around our transmitter site.

Programs: Vice Pres. Jim Stewart continues to arrange and schedule program presenters for the coming months. The February meeting speaker will be Brandon Bartling from GE Global Research discussing consumer batteries, real world applications and problems.

Old Business:

The landowner where the old generator is stored would like the trailer, that carries the generator, but wants the club to remove and scrap the generator itself.

Field Day Location: Awaiting information from the Niskayuna Sports Committee on the use of the Soccer Field located near the Craig School off of Balltown Road

Election Committee: Vice President Jim Stewart will head up the Election Committee. Volunteer are appreciated for Officers and Board Member positions.

Broughton Award: Secretary Dan Fiorillo will head up the Broughton Award Committee.

New Business: Board Member Diana DeAvila has requested a Leave of Absence to attend EMT Training.

SMARA: Dan Miller and SMARA have been complimented for their activities in promoting Amateur Radio and the recent Daily Gazette article.

Discussions on SMARA and SARA doing a combined Field Day event.

Training: A Discussion about using the repeater system for doing training to upgrade licenses. Craig Wood to look into the methods of conducting the training.

Meeting was adjourned at 7:55PM

Submitted by Secretary Dan Fiorillo, KC2MER

Board meetings are open to any SARA member. Board meetings are held the 2nd Wed. of each month at LT's.

Tim gets a new Email Address!

Tim Long, W2UI

My old email account at tlong8@nycap.rr.com is now inactive and suspended. I am no longer able to retrieve email sent to that address. Any email since 1/19/2012 has been lost. I don't want to miss any of your email. Please update your address books tlong1@earthlink.net

News from the Treasurer

Tim Long, W2UI

You may have received my email reminder regarding your dues status. If you are not sure whether your dues are current, email me and I'll look it up. We will really hate to lose you, but the board is going to direct me to change the mailing filter to "2012 members only" any month now. When that happens, you will be dropped. Please don't let that happen and renew today. Dues are just \$20. Use the form on the last page to send in your dues.



Winterfest 2012 Canceled

via Larry NT2B

Winter, we hardly knew ye..

After a consult with Park Commission Chair Armand Canestraro, Winterfest is canceled. I hadn't begun publicity in earnest since we haven't yet had conditions that would allow Winterfest, and that turned out to be wise. We've got no snow or ice (at the moment) and no prospects through next Thursday, so I'm giving everyone a heads up early enough to make alternate plans for next weekend. Thanks for having reserved the date, and if the Curse of the Winterfest holds, get ready for snow after the 4th of Feb.

Please pass this information along as appropriate.

Free Stuff!

Are there any out there who still repair and work on "old stuff" or like myself build reproductions of early basic equipment on bread board or lattice strips. I am cleaning out and would like to pass on to anyone interested some old vacuum tubes. I would like to give to anyone interested the following gems.

(2) 6L6 metal

(1) 6F6 (lower power version of the 6L6)

(3) 6L6 G in original cartons

(30) 80 rectifiers

(1) 5Y3 rectifier.

I hate to send them off to the dump if anyone would like them. Bill WR2L@juno.com or 399-8406

Anthony Tebano, SK

Many of you may have heard and or talked to Pat KC2WLR on the air, his Son Anthony passed away suddenly, on Weds. Jan 18 2012.

Anthony P. Tebano died Wednesday, January 18,

2012 in North Carolina where he recently relocated with his fiancée, Samantha Harrington. Born on November 9, 1985 in Niskayuna, he was a 2004 graduate of Niskayuna High School and he also attended H.V.C.C. He was currently employed by Food Lion in North Carolina. He was formerly employed by the Decresente Distributing Company and Price Chopper in this area. Anthony was an umpire in Schenectady and a member of many travel baseball teams. He was an avid bowler who rolled several 300 games and, while in high school, was a bowling standout. Anthony was a fan of the Yankees, Giants, Knicks and Rangers, as well as Siena basketball. He loved spending time with Samantha's family especially with her nieces and nephews and writing love letters to Samantha.

Survivors include his parents, Pasquale "Pat" and Debra Ryan Tebano; brothers, Nicolas (Elana) and Stefan; fiancée Samantha and maternal grandparents, Douglas and Patricia Ryan Sr. Also, uncles and aunts, Douglas Jr. (Sylvia) Ryan, Karen (Doug) Borst, Scott (Vincette) Ryan, Mark (Susanne) Ryan, Michele (Brian) Blake, Dominick (Ann Marie) Friello Sr. and several cousins. He was predeceased by his paternal grandparents, Stefano and Jennie Demeo Tebano and paternal uncle, Stephen Friello.

Volunteer Examiner Session

SARA conducts VE sessions at 6:00 PM on regular meeting nights, the first non-holiday Monday of each month except July, August, and December. Those interested in taking an exam are encouraged to contact Bill Michler, KG2AC, a few days prior so he can arrange for sufficient VEs to be present. You can find Bill's contact information on the last page. Non-members who successfully complete the exam will be given SARA membership for the physical year (July – June) Contact Bill at kg2ac@juno.com or 982-0144.



TONY'S WORLD FAMOUS 2012 HAMFEST LIST

Come to FLUNGE and EBB with Tony, W2BEJ

MARLBORO {Saturday Feb. 18} 2/18 X Whitcomb School - Marlborough, MA 147.27 + pl 146.2

HORSEHEADS {Saturday Feb 25} 2/25 X Armory - Horseheads, NY 147.36 +

COLCHESTER {Saturday Feb 25} 2/25 X Holiday Inn - South Burlington, VT 145.15 -

SWL WINTERFEST {Sunday March 4} 3/4 X Doubletree Suites - Plymouth Meeting, PA

LIMARC {Sunday March 4} 3/4 X Levittown Hall - Hicksville, NY 146.85- pl 136.5

SARATOGA WINTERFEST {Saturday} 3/10 X Ballston Spa, Solar Building 147.00 + pl 91.5

Happy Anniversary to N2OMA and Ak2E :)

MT TOM {Saturday }3/10 X Turnvereim Club - Springfield, MA 146.94- pl 127.3

SOUTHINGTON {Sunday} 3/18 X HighSchool - Southington, CT 147.345 + pl 77

MIDDLETOWN Wallkill Community Center 146.76 - pl 100 date not finalized

SPLITROCK, NJ {Saturday } 3/24 X Horseshoe Lake Park - Succasunna, NJ 146.985- pl 131.8

FRAMINGHAM {Sunday} 3/25 X Keefe Tech - Framingham, MA 147.15 +

BEACON Tymor Park, Unionville, NY 146.97 - pl 100 Date not set yet

BINGHAMTON {Sunday April 15} 4/15 X Knights of Columbus Hall - Binghamton, NY 146.865 - pl 146.2

<http://www.wtsn.binghamton.edu/bara/2012BARAHAMFEST.pdf>

DEERFIELD 5/4 X Fairgrounds - Deerfield, NH {Friday May 4th and Saturday May 5th 2012}

<http://www.near-fest.com/>

EAST GREENBUSH {Saturday May 12} 5/12 X Phillips Road Firehouse 147.27 +

<http://www.arrl.org/hamfests/9th-annual-east-greenbush-hamfest>

DAYTON {Friday Sat. Sunday May 18-20 2012} 5/18 X Hara Arena - Dayton, OH 146.94-

SoBARC{Sat. May 19 2012} 5/19 X Fairgrounds - Goshen, CT 146.73 - pl 77.0

BERGEN, NJ 5/26 X Westwood HS, Washington Township, NJ 146.79 - pl 141.3

ROCHESTER 6/30 X Barnard Carnival Grounds 146.88 - pl 110.9

CORTLAND 6/9 X Cortland County Fairgrounds 147.18 +

NEWINGTON 6/16 X St Mary's School - Newington, CT 145.45-

MURGAS 7/1 X Luzerne County Fairgrounds, PA 146.61 - pl 82.5

SUSSEX CO, NJ 7/15 X Augusta, NJ 147.30 + pl 151.4

BATAVIA 7/21 X Alexander Fireman Grounds - Alexander, NY

UTICA 7/14 X Herkimer Co Fairgrounds 145.45 -

ROME 8/11 X Westmoreland VFD Field 146.88 - pl 151.4

UTICA (CNYARA) Deerfield fire dept 145.21 -

NoBARC 8/12 X Bowe Field - Adams, MA 146.91-

BOXBOROUGH 8/24 X Holiday Inn - Boxborough, MA

SARATOGA 9/8 X Saratoga Co Fairgrounds 147.00 + pl 91.5

R.A.G.S. (SYRACUSE) 9/15 X Pompey Hills FD 147.30+

ELMIRA 9/29 X Chemung Co Fairgrounds 147.36 +

NUTMEG Wallingford, CT 147.36+

UPDATED 1/29/2012 (X=CONFIRMED)

From your President:



Good Operating Practices

Congratulations! You've got your new Amateur Radio license and can't wait to start operating on HF phone. However, you're not certain how you want to conduct yourself. After all, there are few if any mandated rules. Most hams have developed good operating practices and etiquette simply by listening to more experienced hams and you will as well. Here are some of my ideas for your consideration.

K4QKY "Don" k4qky@charter.net <http://webpages.charter.net/donsno>

<http://campus.murraystate.edu/org/msuarc/goodoperatingpractices.htm>

Do

- ✚ Always be polite regardless of the circumstances. If not, avoid transmitting.
- ✚ Set a good example especially for short wave listeners who may be thinking about becoming a ham.
- ✚ Be a good listener. It will help you better organize your thoughts before transmitting.
- ✚ Reply to a CQ, or call CQ yourself. It helps keep alive the magic of ham radio.
- ✚ Speak clearly and slowly, especially when giving your call sign to someone you have never worked before.
- ✚ Promote friendship and goodwill to DX contacts. Look for ways to get to know each other rather than simply exchanging signal reports and 73s!
- ✚ Try to keep track of everyone in the QSO. Hopefully someone has assumed the role of "traffic director"

Don't

- ✚ Act like some sort of Broadcast Radio station. Your fellow Amateurs will most likely not appreciate such a blatant display of personal ego.
- ✚ Acknowledge the presence of deliberate interference. After all, that's most likely the overall objective of the person doing the interfering.
- ✚ Be excessively long winded especially when in a round-table discussion and during times when band conditions are changing.
- ✚ Just talk about ham radio. Most hams have many more interests.
- ✚ Operate when you are in a bad mood. You will be that much more vulnerable to losing your temper.
- ✚ Overuse Q-codes and other ham jargon on the phone bands.
- ✚ Claim or homestead any particular frequency for nets, schedules, etc. If your designated frequency is already in use, simply move up or down as necessary.



to make sure everyone has a chance to contribute to the discussion. If not, don't hesitate to do it yourself.

- ✚ Make it clear at the end of each transmission which station is expected to transmit next. Try to do this even when operating VOX.
- ✚ Operate on frequencies that are in whole Khz (e.g. 18.130 KHz). This alleviates ambiguity and makes it easier for everyone to be on the same frequency.
- ✚ Openly praise other hams when you observe them doing something that you feel is especially deserving. e.g., helping demonstrate ham radio to a group of scouts.
- ✚ Always be ready to quickly and calmly respond to emergency situations. Rehearse what you would do if presented with various scenarios.
- ✚ Pause between transmissions. "Quick keying" gives the appearance that other hams are unwelcome in your QSO.
- ✚ Consider using the Internet to enrich your QSO. Many hams have developed their own comprehensive websites which you can usually find through QRZ.COM.
- ✚ Respect the privileges of hams operating in other modes on the HF bands including those who enjoy AM.

- ✚ Transmit before first determining that the frequency is clear. This includes transmitting within 3Khz of other known QSOs.
- ✚ Break into an ongoing QSO unless you can hear the majority of the participants.
- ✚ Ignore someone new to a round table QSO. We should all do our part to make everyone feel welcome. Avoid making the discussion appear exclusive to your particular circle of friends.
- ✚ Test your transmitter over the air. It is far better to use a dummy load.
- ✚ Cough, sneeze or clear your throat into your microphone.
- ✚ Operate VOX except when in a QSO with three or less participants. It tends to foster "quick keying" which may give the appearance that you don't welcome breakers.
- ✚ Become a "Band Policeman" quick to tell others what you feel they are doing wrong. In instances where it may be called for, always be polite and constructive.
- ✚ Turn up your microphone gain or resort to excessive speech processing in order to be heard. Such practices will most likely result in diminished audio quality and increased likelihood of interference to nearby QSOs.
- ✚ Use the word "break" when wanting to join an on-going QSO. Simply give your call sign between transmissions and reserve the use of the word "break" for more urgent situations.

SARA NEWS

- ✚ Make a point to try 17 and 60 meters. Good operating practices are especially prevalent on these bands.
- ✚ Look for opportunities to "Elmer" newly licensed hams when you hear them on the HF bands. Welcome them, solicit their questions and give them pointers on good operating practices.
- ✚ Remember that no one country can proclaim to be the leader of the Amateur Radio world. Likewise, no one country's foreign policy is any more right or wrong than that of another country.
- ✚ Develop good operating practices. You will be doing your part in helping insure the continuance of our long and proud tradition of self-regulation.
- ✚ Join an ongoing QSO unless you have something to contribute to the discussion. It is especially rude to interrupt other hams with a request for audio checks, signal reports, etc.
- ✚ Operate in any fashion that is not in keeping with good amateur practice. Be certain to always comply with the provisions of Part 97 of the rules.
- ✚ Knowingly interfere with an ongoing QSO just because you are working DX, especially split frequency.
- ✚ Say that the frequency "is not" in use when you hear someone inquire. Refrain from responding at all except unless you know for certain that the frequency or one nearby "is" in use.
- ✚ Ridicule other hams or express any negative views of the overall state of Amateur Radio. If you don't have something positive and constructive to say, avoid saying anything at all.

Note: The foregoing tips are just the opinion of one ham. As such, they are intended to be nothing more than a "shopping list" of suggested guidelines presented almost entirely from the perspective of a "rag chewer". DXers, Contesters and hams who enjoy other modes will most likely have somewhat different views. Equipment related issues, being generally well known, are purposely not included here. In any event, it is hoped that this list may prove somewhat useful especially for new operators. The overriding theme is **common sense and courtesy to others**. Let's always remember what a privilege it is to operate on the ham bands! This will help avoid doing anything that might impinge on the enjoyment of our hobby for others.

A note from your editor: Please be aware that some things you read and copy may be copyright protected. I sent a request to reprint this fine article to K4QKY, Don, but received a "*recipient unknown message*" from the mailer daemon.

Board Of Directors

Pres: Hal Post AK2E ak2e@arrl.net 306-6817
 VP: James Stewart K2PK k2pk@arrl.net 399-1867
 Sec: Dan Fiorillo KC2MER fiorillo.dan@verizon.net 356-3595
 Treas: Tim Long, W2UI, tlong1@earthlink.net 399-7454

Directors

Diana DeAvila W2NU gkygrl@gmail.com 982-0144
 Craig Wood, W2XAD, w2xad@nycap.rr.com, 370-5224
 Frank Simon, WB2PUH, simonf072@strose.edu, 477-5255
 Ken Day, K2DAY k2day@nycap.rr.com, 858-2056

Standing Committees

SARA News: Antje Dirksen-Post N2OMA,
antje1@yahoo.com, 315-483-0524
 Elmer: Tim Long, W2UI, tlong8@nycap.rr.com, 399-7454
 Antenna Party: Tim Long, tlong8@nycap.rr.com, 399-7454
 K2AE Trustee: Hal Post AK2E ak2e@arrl.net 381-6817
 Rprtr: Scott Krone N2YCA n2yca@nycap.rr.com 273-1610
 RFI/TVI: Rudy Dehn W2JVF w2jvf@juno.com 372-6139
 Public Service Events: Ken Clikeman AA2CW
AA2CW2010@yahoo.com 861-6825
 VE Team: Bill Mischler KG2AC kg2ac@juno.com 982-0144

FCC Exam Registration (518) 982-0144



S **A** **R** **A**

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, 2010 through June, 2012

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.